



VirtualX

USER MANUAL

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What is VirtualX?

An open source exam management software that caters your online examination management requirements. This software is available in English, German, Arabic and Chinese languages.

Through this software you can,

- Create major types of users like Examiners, Question Setters/Evaluators and Examinees etc.
- Create Questions, Publish and Share questions for others
- Schedule exam for Schools, Colleges, Organizations and other Institutions
- Prepare and Assign question papers
- Conduct online examination with feedback option
- Instant evaluation except for exams including descriptive questions and results generation
- Report generation in Excel and Pdf formats
- Give Feedback

Modules

- Settings Management
- Manage Organization Levels (For - Schools, Colleges, Organizations, Institutions)
- Category Management
- Subject Management
- Email Service Management
- User Management (Roles: Admin, Examiner, Question Setter/Evaluator, Examinee)
- Question Management (Manage 12 different types of questions)
- Exam Management (Schedule Exam, Assign Questions, Attend Exam, Evaluate Exam)
- Manual Evaluation
- Feedback Management
- Result, Report Management
- Graphical Analysis



Installation

Installation will guide you through the steps required for setting up the system and deploying the software.

Software Requirements

- Ubuntu Linux
- Apache2
- Ruby 1.8.7
- Rails 3.0.3
- Passenger / mod_rails
- MySQL 5.0
- wkhtmltopdf (PDFKit depends on wkhtmltopdf) – For windows only

Deployment Details

*Please find the steps for System setup and Deployment in the text file attached.

Key roles in User management

There are four basic roles in the User management profile of this software namely,

- Admin
- Examiner
- Question Setter/Evaluator
- Examinee/ Temporary Examinee

Admin privileges

Admin has complete access to the system.

- Configure System settings
- Define the roles and Create Examiner, Question Setter and Examinee
- Set the type of organizations, levels and configure Organization Category
- Create Subjects
- Prepare and Assign question papers
- Create & Schedule examinations
- Provide Pre and Post exam approvals and e-mail notifications to Examinee.
- Result & Report generation
- Manage E-Mail Templates and Feedbacks

Examiner privileges

Examiner has access to most of the modules except Settings, Emails

- Create user Question Setter, Examinee and Group users
- Set the type of organizations, levels and configure Organization Category
- Create Subjects
- Prepare and Assign question papers
- Create & Schedule examinations
- Result & Report generation
- Feedbacks
- Evaluate exams

Question Setter/Evaluator privileges

- Create and Share questions.
- Evaluator can evaluate exams that are assigned to him/her.

Examinee privileges

- View and Attend Exams
- View Results
- Give Feedback

Where to start in VirtualX?

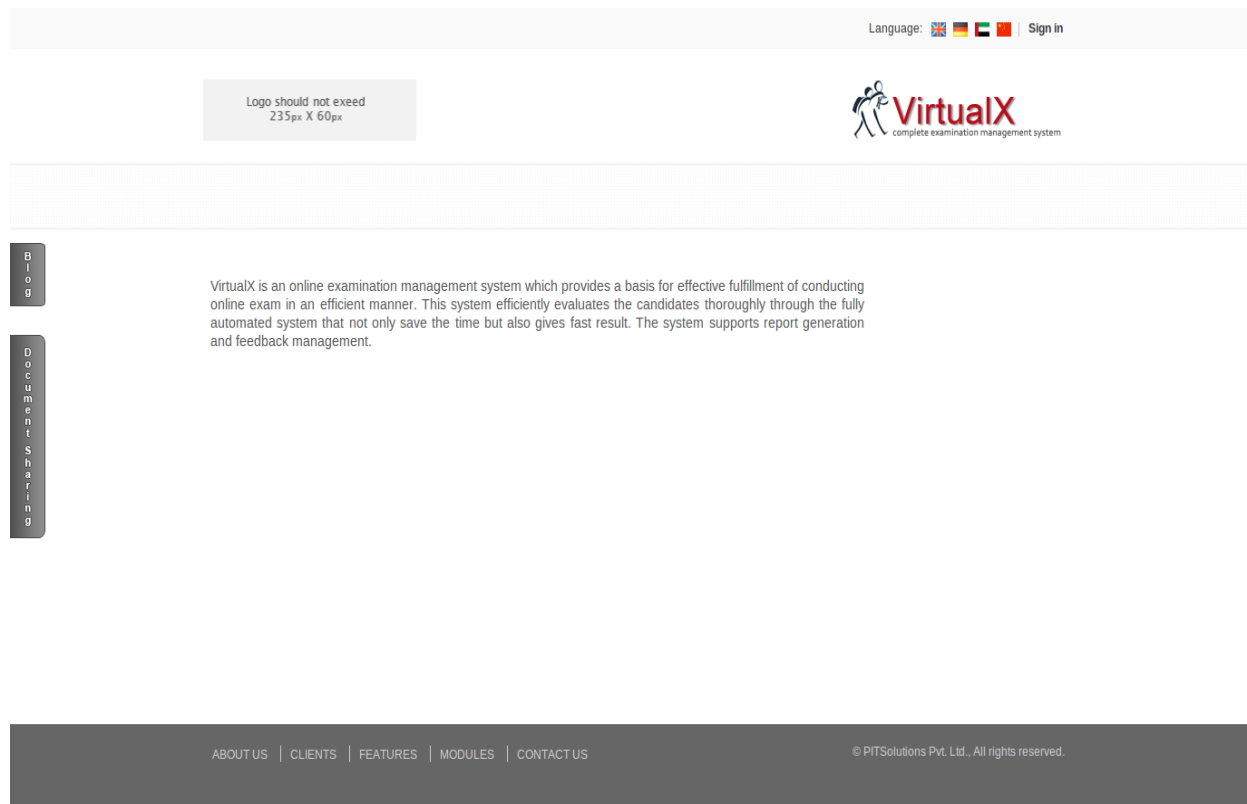
VirtualX is available in four different languages- English, German, Arabic and Chinese. You can select it by clicking on the 'Flag icons' at the top right corner of the Login page. Such language change would not be affected to others using the system. You can permanently set the language through Settings management.

Space for display of client logo is provided. Logo can be uploaded from the Settings management.

Footer has following links such as About Us, Clients, VirtualX features, VirtualX modules and Contact Us details.

On clicking Sign In link user will be directed to Login Page.

VirtualX Home Page





Signing In

To begin with the software you have to Sign In as Admin.

Enter the Admin user id and password in the appropriate fields the Login Page and click the “Sign In” button. Please note that the password is case sensitive.

After Software installation, by default Admin account will be created with the following credentials,

User Name: admin

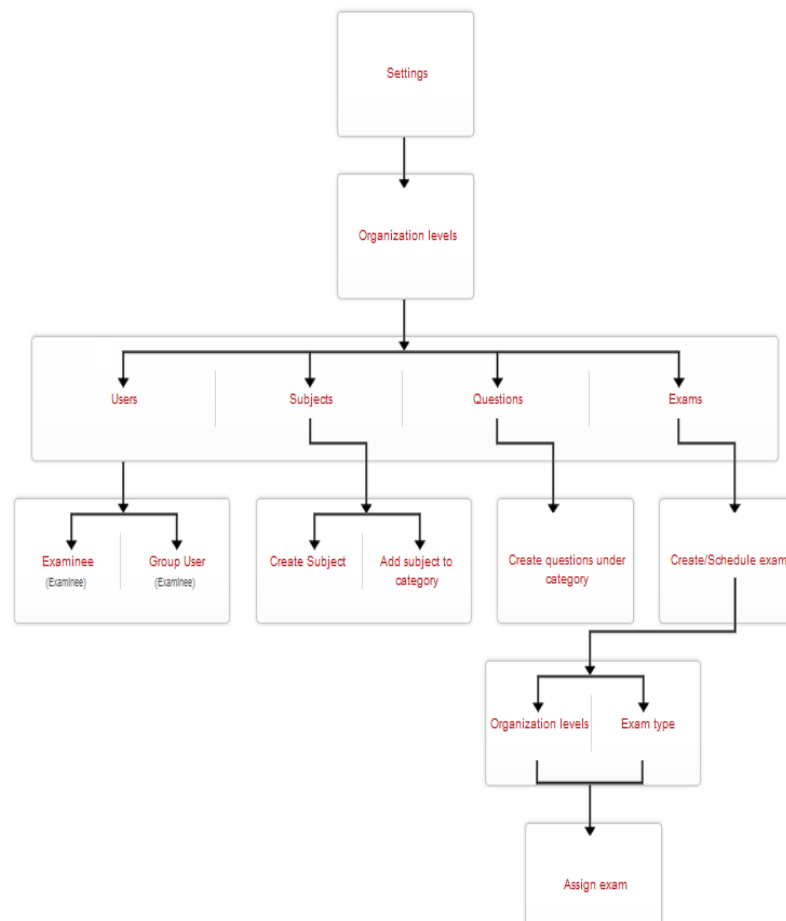
Password: admin

Login page has links such as Forgot Password and Register Now.

- If user forgot the password user can reset the password on submitting his/her Email Id.
- Through Register Now link User can register with the system. All the Registered users are considered as Examinees.

* Examiners and Question Setters cannot register through Register Now link. Examiners and Question Setters will be created by Admin.

Signing in to the system using the user name and password will direct to a landing page where the sequential order of the system setting process is depicted with the help of a hierarchical chart, named as ‘Work flow’. This chart will guide you to the initial settings to be done before the examination process.



Now on this page will act as the home page. A 'Back to Work flow' link is provided in other pages (at the right end of the menu bar) so as to refer the order of system setting process from this home page. Change the language to make it available in other languages also.



The detailed system setting and utilization process is described in the following sections in this document.

Edit profile

This option is visible near the Sign In area after Signing in. It is at the top right corner of the page.

Here you can include/change your Name, User Id, e-mail and Password in your Profile.

Welcome admin Sign out | Edit profile

 PIT Solutions Pvt. Ltd  **VirtualX**
complete examination management system

Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

Edit Account

Name	<input type="text" value="admin"/>
User Id	<input type="text" value="admin"/>
Email	<input type="text" value="jacob@pitsolutions.com"/>
Password	<input type="password" value="••••••"/>
Confirm Password	<input type="password" value="••••••"/>

Update

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Settings Management Module



After editing the admin profile, the next step is to update the Settings module. Clicking on the 'Settings' option you are required to confirm the below data.

- **Allow examinee Registration:** Enables link Register Now to allow Examinee to register online.
- **Confirm examination:** Enables link confirm/reject for Examinees either to Confirm or Reject Exam
- **Include Question hints in examinee reports:** Enables the admin to choose whether the question hints has to be shown to the examinees in examinee reports.
- **Organization type:** Admin has to opt for the type of organization for which the examination is being set up. Four classifications are available - School, College, Organization, and Training institute. Admin can select any one option from it.
- **Select locale:** Four languages are available – English, German, Arabic and Chinese. Select the language for the VirtualX.
- **Approve Examinee:** Enables Approve/Reject buttons in Admin Dashboard.
- **URL:** URL of the examination page to be given here (Give host name only).

On completion of entering these data click the 'Update' button at the bottom.

VirtualX Settings Page

Welcome admin
Sign out | Edit profile


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VirtualX
complete examination management system

[Users](#) | [Subjects](#) | [Questions](#) | [Exams](#) | [Result](#) | [Organization levels](#) | [Category](#) | [Settings](#) | [Email](#) | [Reports](#) | [Feedback](#)

Application settings

Allow examinee Registration
☒

Include Question Hints in Examinee Reports
☒

Confirm examination
☒

Organization Type
University/college ▾

Select Locale
English ▾

Select TimeZone
(GMT+05:30) New Delhi ▾

Approve Examinee
Approve ▾

URL(Enter Host Name)
121.241.182.154:80

Update

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VER.1, REV.0

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Sub-menus of Setting Option


Client Image upload:

You can upload your organizations' image by clicking the sub-menu 'Client image upload'. The logo has size restrictions and it should not exceed 235px * 60px size.

Welcome admin

Sign out | Edit profile

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Users | Subjects | Questions | Exams | Result | Organization levels | Category | Settings | Email | Reports | Feedback

Upload Image

Logo should not exceed 235px * 60px

Graphic will preview here

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About Us:

You can include your organization details here in English, German Arabic and Chinese Languages. Or else you can keep the default description on VirtualX software. It is accessible by clicking the 'About Us' sub-menu in the Settings menu item.

Welcome admin

[Sign out](#) | [Edit profile](#)

[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

About Us

English Description

VirtualX is an online examination management system which provides a basis for effective fulfillment of conducting online exam in an efficient manner. This system efficiently evaluates the candidates thoroughly through the fully automated system that not only save the time but also gives fast result. The system supports report generation and feedback management.

German Description

VirtualX ist eine Online-Prüfung-Management-System, die eine Grundlage für eine effektive Erfüllung der Durchführung von Online-Prüfung auf effiziente Weise zur Verfügung stellt. Dieses System effizient beurteilt die Kandidaten gründlich durch das voll automatisierte System, das spart nicht nur Zeit, sondern gibt auch schnelle Ergebnis. Das System unterstützt Berichterstellung und Feedback-Management.

Arabic Description

برشول أكس هو نظام إدارة إمتحانات إلكتروني يوفر أساسا لإجراء الامتحانات على الإنترنت بطريقة فعالة. يوفر هذا النظام بتقييم كفاءة المتقدمين لإمتحان بدقة من خلال نظام آلي تماما ولذا فهو لا يعمل على توفير الوقت فحسب ولكنه أيضا يعطي نتيجة سريعة. النظام يدعم إنشاء التقارير، وإدارة التغذية الراجعة.

Chinese Description

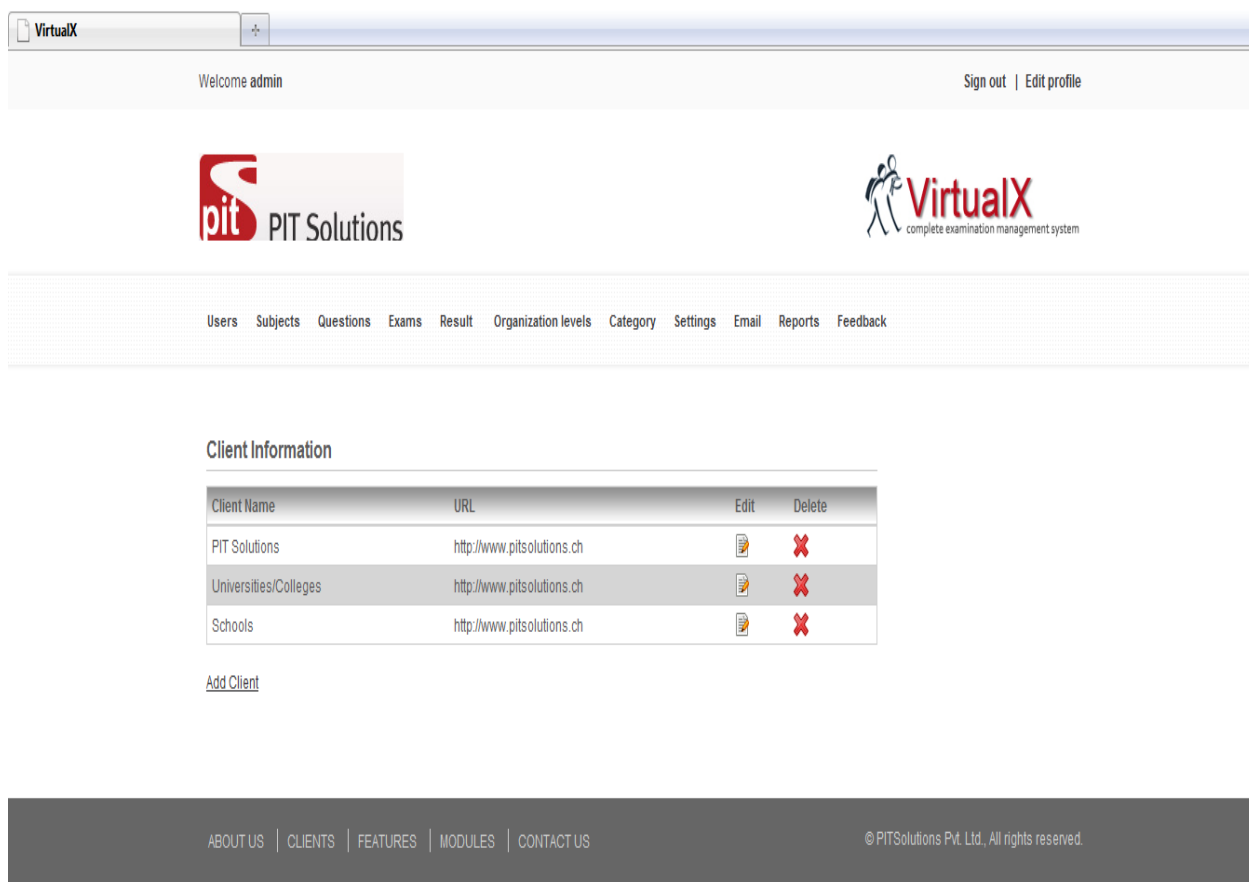
VirtualX 是一個在線考試管理系統，它提供了一個基礎，有效地進行在線考試，以有效的方式履行。該系統有效地評估候選人完全通過完全自動化的系統，不僅節省了時間，但也能提供快速的結果。該系統支持生成報告和反饋管理。

[Update](#)







Client information:

Here you can include your clients/beneficiaries details by clicking on the 'Client information' sub-menu.

Name and URL details of the clients can be included here using the option 'Add Client'.



The screenshot shows the VirtualX web interface. At the top, there's a header with the VirtualX logo and 'complete examination management system'. Below the header, there's a navigation bar with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, Feedback. The main content area is titled 'Client Information' and contains a table with the following data:

Client Name	URL	Edit	Delete
PIT Solutions	http://www.pitsolutions.ch		
Universities/Colleges	http://www.pitsolutions.ch		
Schools	http://www.pitsolutions.ch		

Below the table, there is a link [Add Client](#). At the bottom of the page, there is a footer with links: ABOUT US | CLIENTS | FEATURES | MODULES | CONTACT US and copyright information: ©PITSolutions Pvt. Ltd., All rights reserved.

Later if required, these details can be edited or deleted using the 'Edit' and 'Delete' buttons available in the page.

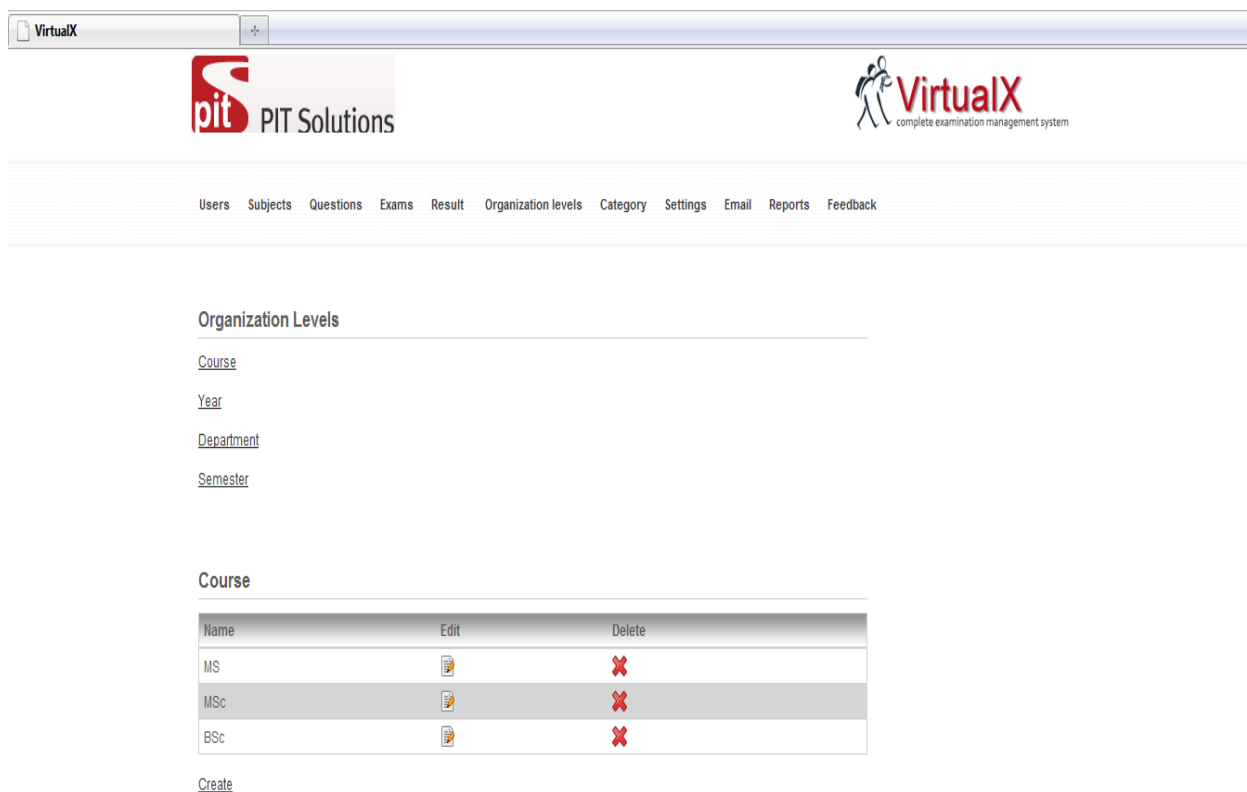
Organizational levels Module

Here you include various levels and sub-levels in your organization. This will help you to set the hierarchy level (Combinations of sub-levels) in that organization and conduct exams accordingly.







The sub-menu information will appear based on the 'Organization type' information updated in the Settings page.

For University/College type:

The sub-menus will be Course, Year, Department and Semester.



The screenshot shows the VirtualX web application interface. At the top, there is a navigation bar with the VirtualX logo and the text "complete examination management system". Below the navigation bar, there is a menu bar with the following items: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. The main content area displays the "Organization Levels" module. Under this module, there are four sub-menus: Course, Year, Department, and Semester. The "Course" sub-menu is currently selected, showing a table with three columns: Name, Edit, and Delete. The table contains three rows: MS, MSc, and BSc. Each row has an "Edit" button (represented by a document icon) and a "Delete" button (represented by a red X icon). Below the table, there is a "Create" link.

Name	Edit	Delete
MS		
MSc		
BSc		

[Create](#)



For Schools type:

The sub-menus will be **Class** and **Section**.

VirtualX

Welcome admin

Sign out | Edit profile







Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

Organization Levels

[Class](#)
[Section](#)

Class

Name	Edit	Delete
2nd Standard		
1st Standard		

[Create](#)



For Organizations (e.g.: Company or Government office):

The sub-menu item will be Department only

VirtualX

Welcome admin

Sign out | Edit profile







Users | Subjects | Questions | Exams | Result | Organization levels | Category | Settings | Email | Reports | Feedback

Organization Levels

[Department](#)

Department

Name	Edit	Delete
PHP		
Ruby On Rails		

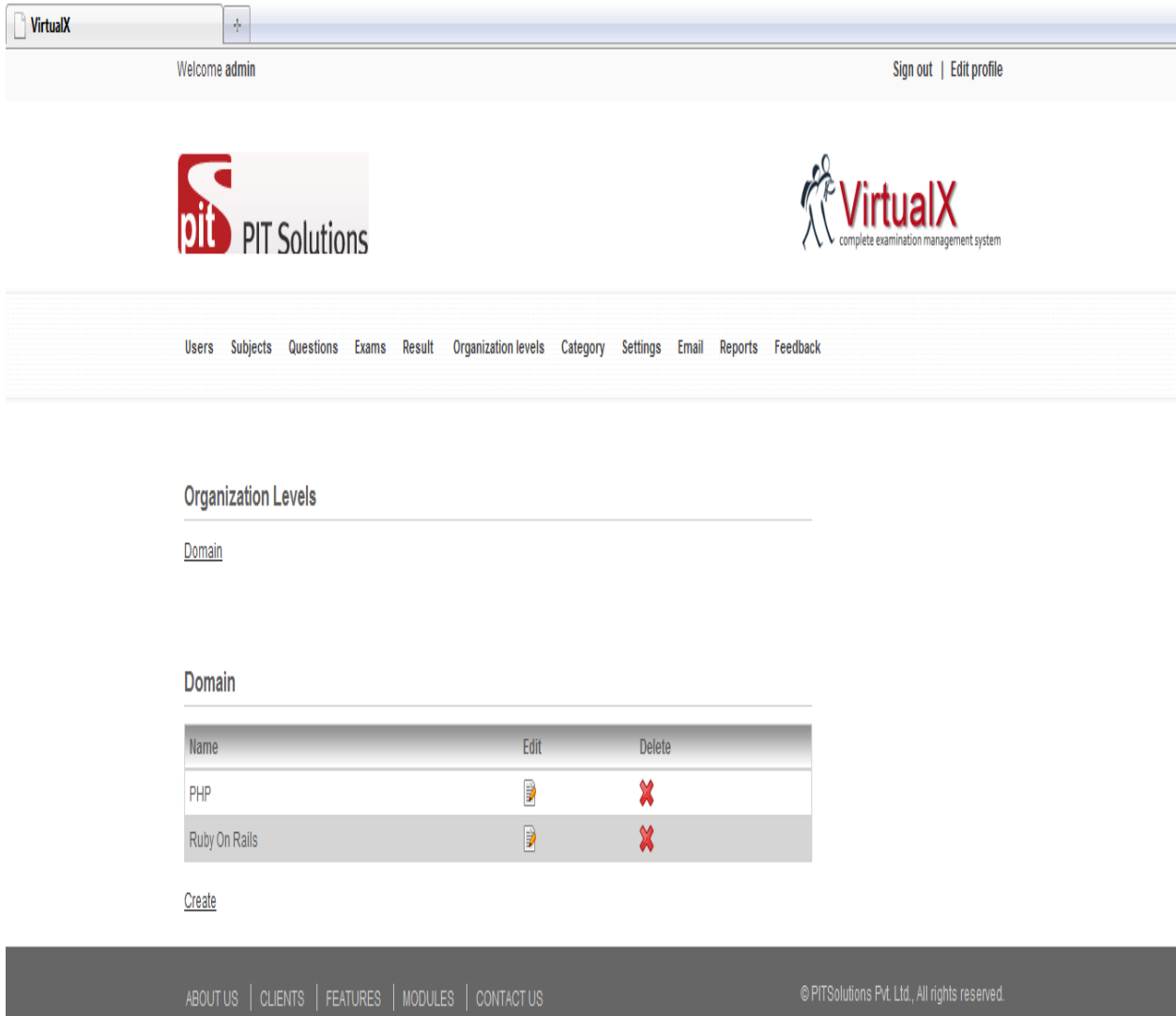
[Create](#)

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For Training institutions:

The sub-menu item will be Domain only



The screenshot shows the VirtualX admin interface. At the top, there's a header with the VirtualX logo and 'complete examination management system'. Below the header, there's a navigation bar with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, Feedback. The main content area is titled 'Organization Levels'. Under this title, there's a link 'Domain'. Below the link, there's a table with the following data:

Name	Edit	Delete
PHP		
Ruby On Rails		

Below the table, there's a link 'Create'.

At the bottom of the page, there's a footer with links: ABOUT US | CLIENTS | FEATURES | MODULES | CONTACT US. On the right side of the footer, it says: © PIT Solutions Pvt. Ltd., All rights reserved.

You can Create, edit and delete these data according to your requirements.

Category Module

Categorization will help you to set questions and conduct exams category wise.

E.g. for a category: MSc << physics << 1st year << 1st Semester

You can configure the categories here using the 'Configure category' button in the page.



After clicking the 'Configure category' button, fill up the Course, Year, Department, Semester columns using the drop down.

Configure Category Page

VirtualX

Welcome admin

Sign out | Edit profile



Users | Subjects | Questions | Exams | Result | Organization levels | Category | Settings | Email | Reports | Feedback

Categories

Course	Year	Department	Semester
BSc	1st	chemisty	1st

Create

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Categories Listing Page

VirtualX



Welcome admin

Sign out | Edit profile

[Users](#)
[Subjects](#)
[Questions](#)
[Exams](#)
[Result](#)
[Organization levels](#)
[Category](#)
[Settings](#)
[Email](#)
[Reports](#)
[Feedback](#)

Categories

Category Name	Delete
BSc << chemistry << 1st year << 1st Semester	
MSc << chemistry << 1st year << 1st Semester	
MSc << chemistry << 1st year << 1st Semester	<div>MSc << chemistry << 1st year << 1st Semester</div> 

[Configure Category](#)

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[CONTACT US](#)

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Also the data created can be deleted using the 'Delete' button.

Subjects Module

Here you can manage subjects than can be included under various categories.

To create a subject in the system,



- Click on the 'Create Subject' button in the page
- Put the Subject name and opt the category from the drop down option
- Click on the create button to save it

Subjects Listing Page

VirtualX







Welcome admin

Sign out | Edit profile



Users | Subjects | Questions | Exams | Result | Organization levels | Category | Settings | Email | Reports | Feedback

Subjects

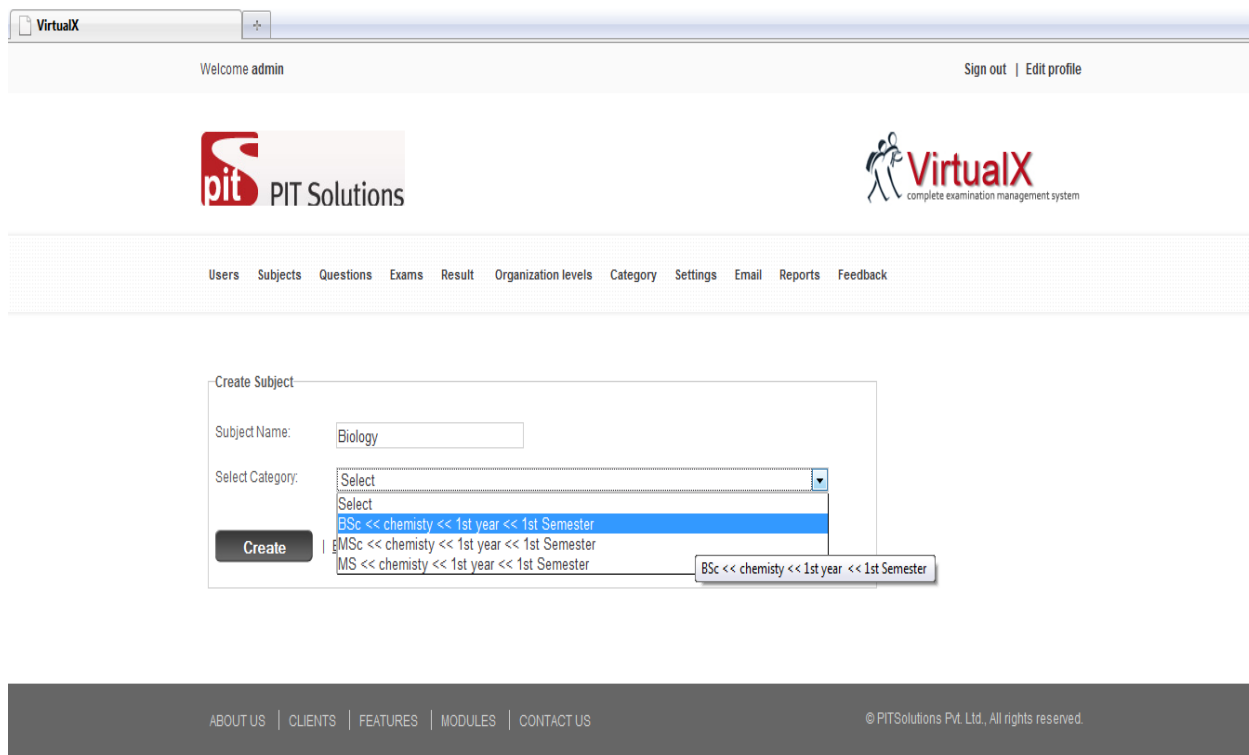
Name	Edit	Delete
Maths		
Physics		
chemistry		

[Create Subject](#) | [Add subject to category](#)

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Create Subject Page



VirtualX

Welcome admin [Sign out](#) | [Edit profile](#)

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complete examination management system

[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

Create Subject

Subject Name:

Select Category:


BSc << chemistry << 1st year << 1st Semester
 BSc << chemistry << 1st year << 1st Semester
 BSc << chemistry << 1st year << 1st Semester

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Also you can add Subjects to various categories.

To add a subject to a category,

- Click on the 'Add subject to category' button in the page
- Put the Subject name and opt the category to which that subject has to be assigned. You can access this from the drop down option
- Click on the create button to save it

 VirtualX

Welcome admin

Sign out | Edit profile



[Users](#) | [Subjects](#) | [Questions](#) | [Exams](#) | [Result](#) | [Organization levels](#) | [Category](#) | [Settings](#) | [Email](#) | [Reports](#) | [Feedback](#)

Add subject to category

Select Subject:

Select

Select Category:

Maths

Physics

chemistry

Maths

Create | [Back](#)

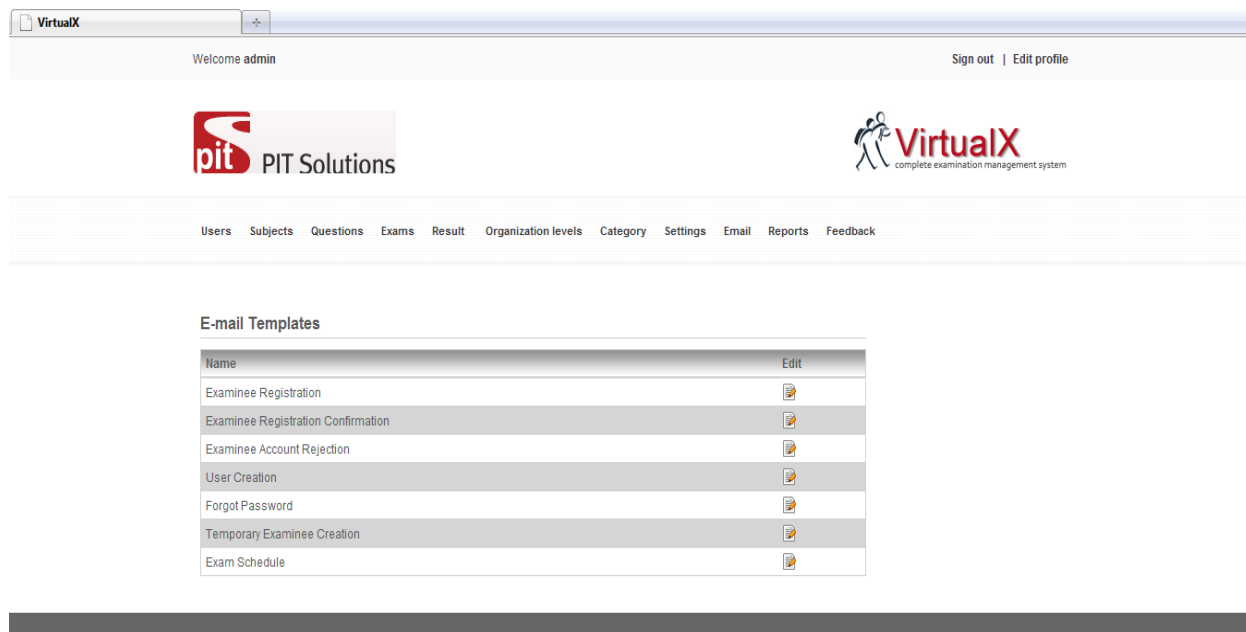
E-mail Management Module

E-mail templates for various e-mail notifications can be set in prior. You need to edit the default content in the templates by editing according to your requirements. This can be done by clicking on the 'Edit' button in the page. After entering the required information click on the 'Update' button to save it.








*Please refer the Help Content for each Email Template while editing. Replace the Variables provided in the Help Content where ever required.

The various e-mail templates are,

- Examinee Registration Confirmation
- User Creation
- Examinee Account Rejection
- Examinee Registration
- Temporary Examinee Creation
- Exam Schedule
- Forgot Password



The screenshot shows the VirtualX web application interface. At the top, there's a header with the VirtualX logo and 'complete examination management system'. Below the header, there's a navigation bar with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, Feedback. The main content area is titled 'E-mail Templates' and contains a table with the following data:

Name	Edit
Examinee Registration	
Examinee Registration Confirmation	
Examinee Account Rejection	
User Creation	
Forgot Password	
Temporary Examinee Creation	
Exam Schedule	

These templates can be edited later using the 'Edit' button in the page. The templates are now available in four languages, In English, German, Arabic and Chinese.

Users Module

Here you can manage the list of various Users of this system. You can create, edit and delete users in this section. These users can be viewed in the sub-menu and also on clicking the 'Users' tab in the Menu bar.

The Users and their roles are,

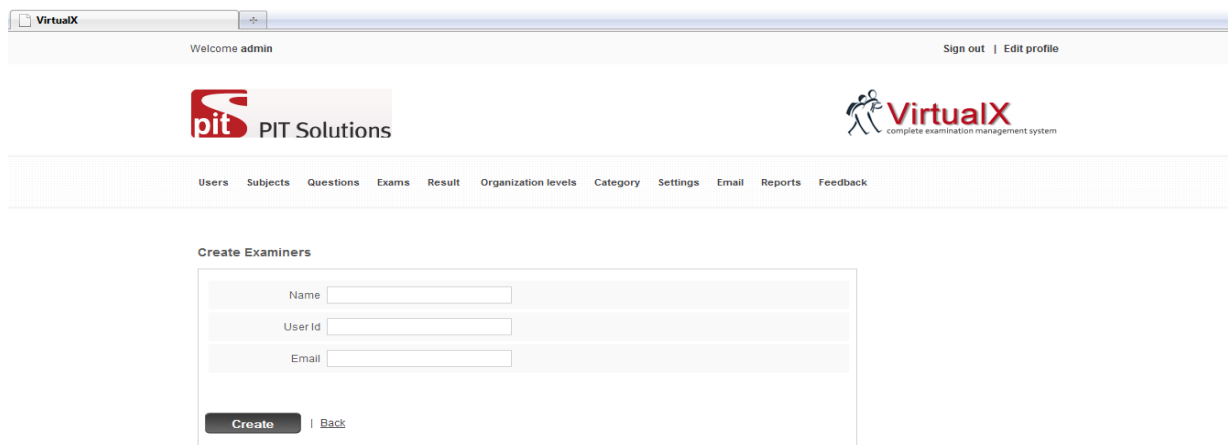
Examiner

Examiner is the user who has the authority to create and conduct exams. He can set the questions, allocate examinees, can manage categories and has access to the Exam results and reports.

Account creation



- Examiner's account can be created using the 'Create' button in the page.
- In the following page enter the Name, User id and e-mail id of the Examiner.
- After entering the required information click on the 'Create' button in this page on which the system will save the data and send a notification to the e-mail id of the Examiner.
- The examiner has to confirm that notification from his mail box. Upon confirmation and setting up password, the Examiner will get access to his account in VirtualX.

Create Examiner Page



The screenshot displays the 'Create Examiner' page within the VirtualX system. At the top, there's a header bar with the VirtualX logo and 'Welcome admin' on the left, and 'Sign out | Edit profile' on the right. Below this is a navigation bar with the PIT Solutions logo and a menu with 'Users' highlighted. The main content area is titled 'Create Examiners' and contains a form with three input fields: 'Name', 'User Id', and 'Email'. At the bottom of the form are two buttons: 'Create' and 'Back'.



Examiners Listing Page



Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

Search by User Id, Email or Name **Search**

Examiners 10 | 20 | 35 | 50 | 75 | 100

Name	User Id	Email	Status	Edit	Delete
Rajesh_Ex	raj_examiner	rajesh.co@pitsolutions.com	Confirmed		

Create | Back

Examiners account information can be edited and deleted from the main page 'Examiners'. Only confirmed Examiners details can be edited. The status will be shown as 'Pending' until the Examiner confirms his account.

Search option

Search option is also available in the same page. Using User Id, Email or Name the Admin could search for particular examiners. By default the Search button will be disabled. On entering characters or copy/paste of search parameter, the Search button gets enabled and searching would be done.

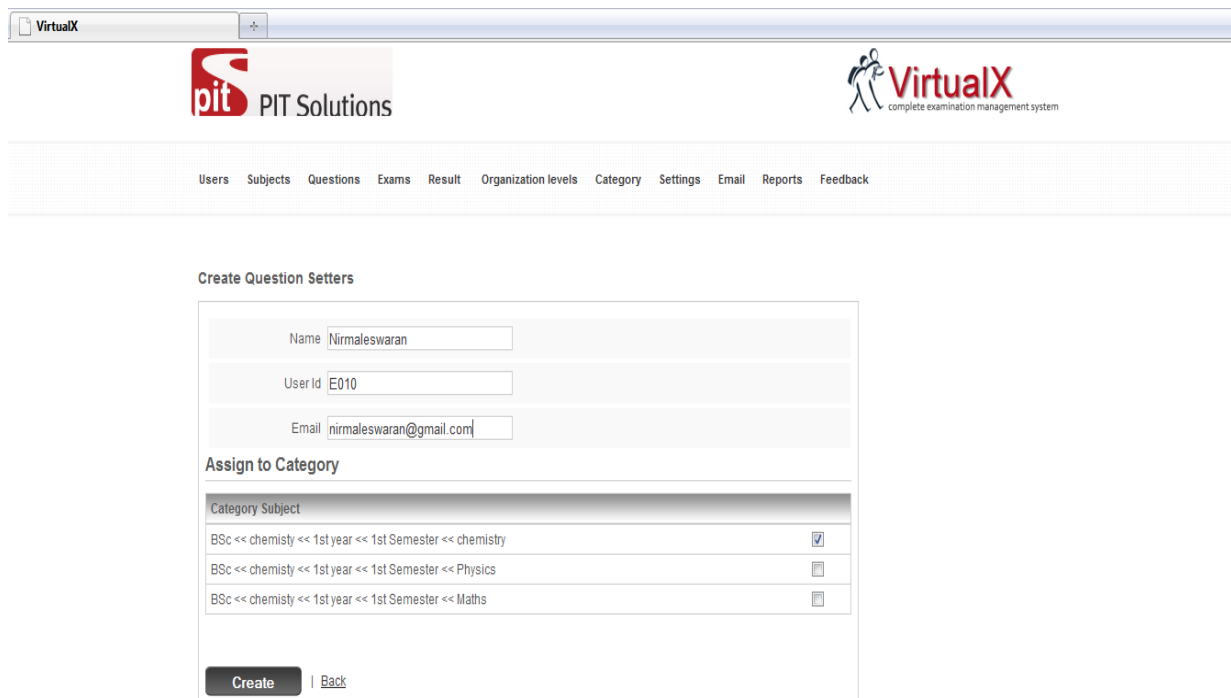
Question Setter

Question Setter is the user who has the authority to create questions. He can create questions and can share it with other Question setters. Also they can be the evaluators for exams, but they will be allocated by the Admin/Examiner. This user cannot conduct examinations and won't have access to Exam reports.



Account creation

- Question Setter's account can be created using the 'Create' button in the page.
- In the following page enter the Name, User id and e-mail id of the Examiner
- Assign the categories in which Question setter can create questions.
- After entering the required information click on the 'Create' button in this page on which the system will save the data and send a notification to the e-mail id of the Question setter.
- The Question setter has to confirm that notification from his mail box. Upon confirmation and setting up password, the Question setter will get access to his account in VirtualX.

Create Question Setter Page



VirtualX

[Users](#)
[Subjects](#)
[Questions](#)
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[Result](#)
[Organization levels](#)
[Category](#)
[Settings](#)
[Email](#)
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Create Question Setters

Name

User Id

Email



Assign to Category

Category	Subject	
BSc << chemistry << 1st year << 1st Semester << chemistry		<input checked="" type="checkbox"/>
BSc << chemistry << 1st year << 1st Semester << Physics		<input type="checkbox"/>
BSc << chemistry << 1st year << 1st Semester << Maths		<input type="checkbox"/>

Create

Back





Question Setters Listing Page

[Users](#) | [Subjects](#) | [Questions](#) | [Exams](#) | [Result](#) | [Organization levels](#) | [Category](#) | [Settings](#) | [Email](#) | [Reports](#) | [Feedback](#)

[Search](#)

Question Setters
10 | 20 | 35 | 50 | 75 | 100

Name	User Id	Email	Status	Edit	Delete
sreerekha	rekha	sreerekhapits@yahoo.com	Confirmed		
Rajesh	rajesh	rajeshco.pits@yahoo.com	Confirmed		

[Create](#) | [Back](#)

Question setters account information can be edited and deleted from the main page 'Question Setter'. Only confirmed Question setter's details can be edited. The status will be shown as 'Pending' until the Question setters confirm his account.

Search option

Search option is also available in the same page. Using User Id, Email or Name the Admin could search for particular question setters. By default the Search button will be disabled. On entering characters or copy/paste of search parameter, the Search button gets enabled and searching would be done.

Examinee

Examinee is the user who attends the exams. He can attend only those exams that are assigned to him and will access to his/her Exam results and reports only.

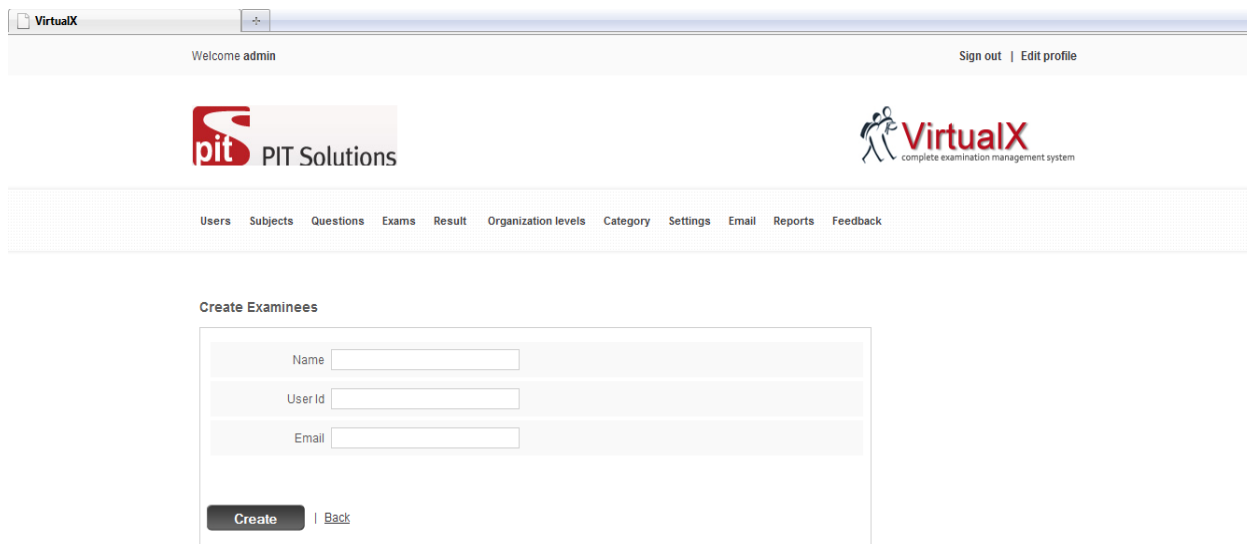
Account creation

Two type of Examinee can be created – Permanent (Examinee) and Temporary (Temporary Examinee)

Creating a permanent examinee



- Click on the 'Create Examinees' button in the page.
- In the following page enter the Name, User id and e-mail id of the Examinee
- After entering the required information click on the 'Create' button in this page on which the system will save the data and send a notification to the e-mail id of the Examinee.
- The Examinee has to confirm that notification from his mail box. Upon confirmation and setting up password, the Examinee will get access to his account in VirtualX.
- After confirming through e-mail, the Examinee has to login to VirtualX and has to confirm his attendance for each exam.

Create Examinee Page



Examinees Listing Page

Welcome **admin**
Sign out | Edit profile

[Users](#)
[Subjects](#)
[Questions](#)
[Exams](#)
[Result](#)
[Organization levels](#)
[Category](#)
[Settings](#)
[Email](#)
[Reports](#)
[Feedback](#)

Search by User Id, Email or Name

Filter Examinee/Temporary Examinee

Examinee/Temporary Examinee:

Examinee(s)
10 | 20 | 35 | 50 | 75 | 100

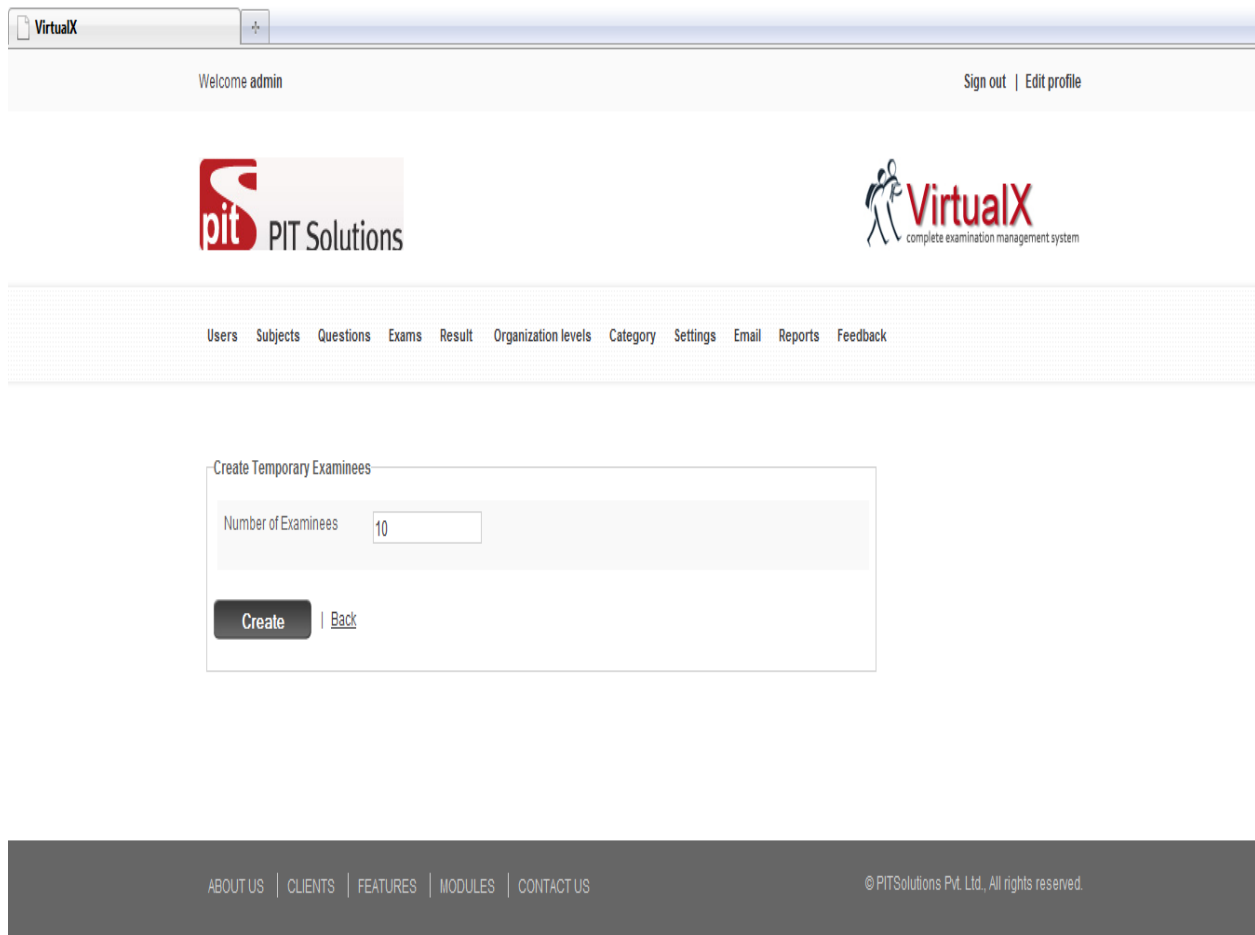
Name	User Id	Email	Status	Edit	Delete
Farija Khan	farija	farija.k@pitsolutions.com	Pending		
Suvin	suvinv	suvin.v@pitsolutions.com	Confirmed		
sreerekha	sree	sreerekha.s@pitsolutions.com	Confirmed		

[Create Examinees](#) | [Create Temporary Examinees](#) | [Back](#)

Creating a Temporary examinee

- Click on the 'Create Temporary Examinees' button in the page
- Fill up the count of temporary examinees in the required column
- After entering the required information click on the 'Create' button in this page on which the system will save the data and simultaneously temporary accounts will be created in the system
- User(Admin/Examiner) who is creating Temporary Examinee will receive a list of Temporary Examinees ids and passwords in his/her e-mail id, which are assigned to temporary examinees

Create Temporary Examinee Page



Filter option for viewing and editing the list of Permanent, Temporary and All the examinees are available in the 'Examinee' page

Search option

Search option is also available in the same page. Using User Id, Email or Name the Admin could search for particular examinees/temporary examinees. By default the Search button will be disabled. On entering characters or copy/paste of search parameter, the Search button gets enabled and searching would be done.

Group User

In Group user option the admin can filter and select the examinees and assign them to a particular category and Academic year.

- Follow the below steps to Group users in a category.
- Select the type of examinees from the Select examinee drop down box
- Click on the Filter option to obtain examinees in the specified category
- Select the category to which the examinees has to be assigned
- Put the academic year as required
- Mark the examinees to be grouped in that category using the check box against each examinee
- Click on the 'Assign' button to complete the process

Assign Examinees to Category

Select Examinee: All ▼

Filter

Select Category: MCA << CS << 2013 year << I Semester ▼

Academic Year: 2013 ▼

Examinee(s)

Name	User Id	Email	<input type="checkbox"/>
	791d20131030tH2951	120131030122951	<input type="checkbox"/>
	792d20131030tH2951	220131030122951	<input type="checkbox"/>
	f21d20131024tH5643	120131024135643	<input type="checkbox"/>
	f22d20131024tH5643	220131024135643	<input type="checkbox"/>
Suvin	suvinv	suvin.v@pitsolutions.com	<input type="checkbox"/>
sreerekha	sree	sreerekha.s@pitsolutions.com	<input type="checkbox"/>

Assign

Activate/Inactivate

Admin can activate and Inactivate users permanently or temporarily.

This can be done by clicking on the Red/Green button against each user in this page. Changing the button to Green will allow the user to access the system and to Red will block the user from accessing the system. Note that only confirmed users will be shown in this area and can be activated and inactivated.

Separate list of Examiners, Question setters, Examinees can be obtained for the activate/inactivate function using the 'Filter User' facility in the 'Activate/Inactivate' page.

Filter User

Select User: Examiners ▼

Users 10 | 20 | 35 | 50 | 75 | 100

Name	User Id	Email	Active/Inactive
sreerekha	rekha	sreerekhapits@yahoo.com	●
Suvin	suvinv	suvin.v@pitsolutions.com	●
sreerekha	sree	sreerekha.s@pitsolutions.com	●
Rajesh_Ex	raj_examiner	rajesh.co@pitsolutions.com	●
Rajesh	rajesh	rajeshco.pits@yahoo.com	●

Search option

Search option is also available in the same page. Using User Id, Email or Name the Admin could search for particular examiners, question setters, examinees/temporary examinees. By default the Search button will be disabled. On entering characters or copy/paste of search parameter, the Search button gets enabled and searching would be done. Note that only confirmed users will be shown in search process.



Admin Dashboard

Here the examinees who have registered online through the website directly are shown. Admin can approve or reject their access in the dashboard. Once the users are confirmed, the checkbox against them will be removed.

This provides an overview on the list of registered examinees and their status on Approval/Rejection from the side of Admin to access the system.

For this the Admin have to mark on the Status column and click on the 'Approve' or 'Reject' button.

VirtualX



Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

Filter Examinees

All | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Registered Examinees

10 | 20 | 35 | 50 | 75 | 100

Name	Email	Status	<input type="checkbox"/>
Solai	solai-testaccount@gmail.com	Confirmed	<input type="checkbox"/>
Karthik	karthik-testaccount@gmail.com	Confirmed	<input type="checkbox"/>

Approve

Reject

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Questions Module

In this section, Admin, Examiner or Question setter can create Questions under various types. Eleven types of questions - Multiple Choice, Multiple Selection, Fill in the blanks, Yes or No, True or False, Drag and Drop, Likert, Matrix, Image based, Hierarchical ordering, Matching and Descriptive types can be created.

Question creation

- Questions can be created using the 'Create Question' button in the 'Questions' page.
- In the following page you have to fill up the Question type and Subject with Category using the drop down option available
- After providing the data click on the 'Next' button to create a question.

Questions Listing Page

VirtualX

Filter

Select Question Type:

Select

Select

All Questions

MultipleChoice

MultipleSelection

Fill in the blanks

Yes or No

True or False

Drag and Drop

Likert

Matrix

Image based

Hierarchical ordering

Matching

Filter

All Questions

10 | 20 | 35 | 50 | 75 | 100

Name	Subject	Publish	Share	Edit	Delete
Capital of India and Capital of India	chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
multiple choice question	chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Match capitals with countries	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arrange the alphabets in order	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How was the Seminar	General	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rate your self in programming languages	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
True or False questions	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes or No question	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fillup question and	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
multiple selection	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Create Question

Previous

2

Next

Create Question Page

VirtualX


192.168.0.119/questions/question_type_listing?q_id=0


☆ Google

Most Visited Getting Started Latest Headlines Bundler: The best way ...

Welcome admin

Sign out | Edit profile

 PIT Solutions

 **VirtualX**
complete examination management system

[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

Select Question Type & Category

Select Question Type:

MultipleChoice

MultipleChoice

MultipleSelection

Fill in the blanks

Yes or No

True or False

Drag and Drop

Likert

Matrix

Image based

Hierarchical ordering

Matching

Descriptive

Select Subject:

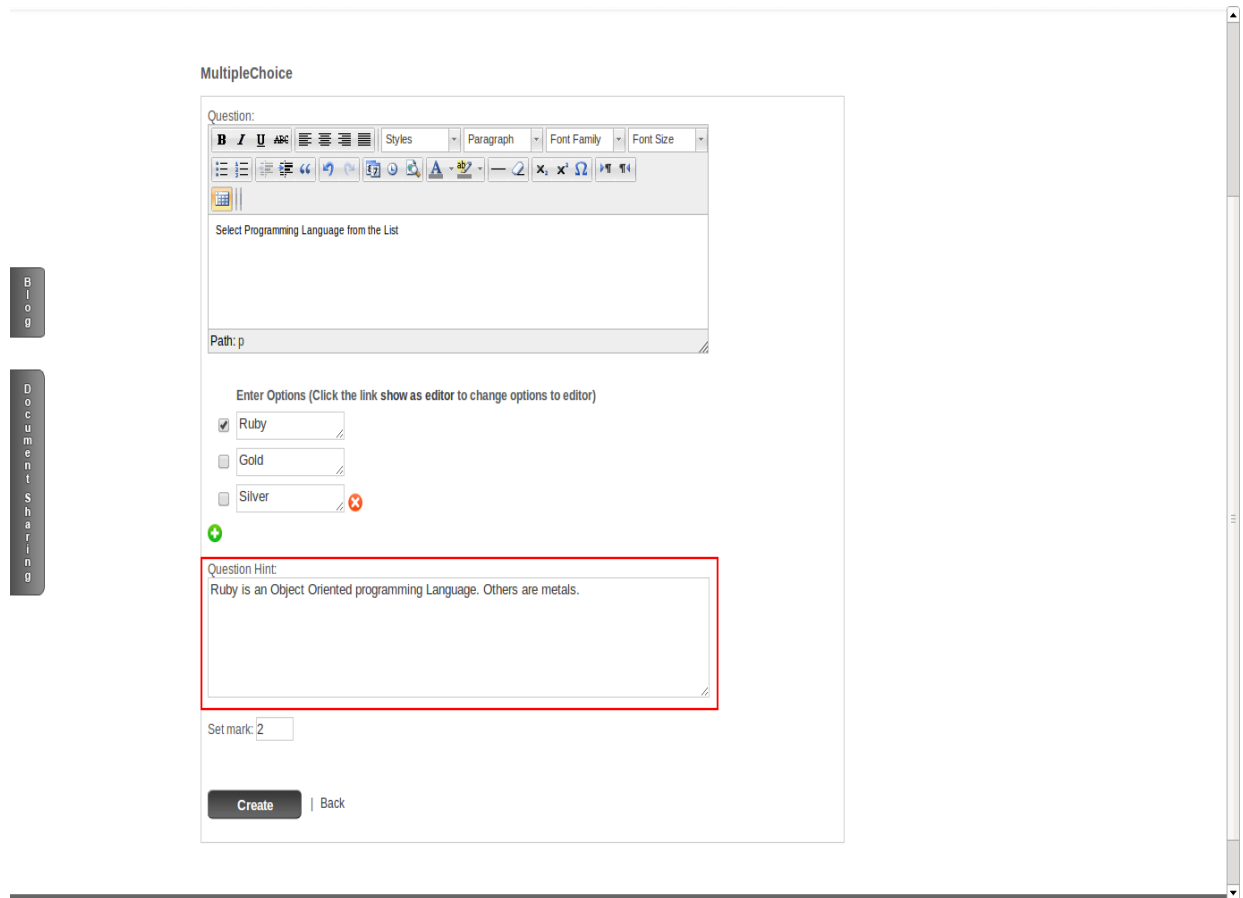
Next

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For Question type – Multiple choice

- Write the question at the question area and enter the answer options in the provided columns. You can add more options using the 'Green plus' icon provided.
- Click on the check box against the right answer – Only one right answer can be opted.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Set mark for that question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator
- Multiple choices come with editor option in order to include formulas and equations in the question.



The screenshot shows the 'MultipleChoice' question editor interface. It includes a rich text editor for the question text, a 'Path' field, and a section for 'Enter Options' with checkboxes for 'Ruby', 'Gold', and 'Silver'. A 'Question Hint' field is highlighted with a red box, containing the text 'Ruby is an Object Oriented programming Language. Others are metals.' Below the hint field is a 'Set mark' field with the value '2'. At the bottom are 'Create' and 'Back' buttons. On the left side of the interface, there are vertical buttons for 'Blog' and 'Document Sharing'.

If question and options has to be created with formulas, then first add number of options required for the question on clicking **plus** button and then click on the **show as editor** link above the options.

On clicking the link all the text area will be converted to editor. Now user can add formulas, equation and do other formatting.

MultipleChoice

Question:

B

I

U

ABC

Styles

Paragraph

Font Family

Font Size

Select the correct equation for $(a+b)^2$

Path: p » sup

Enter Options (Click the link [show as editor](#) to change options to editor)

B

I

U

ABC

Styles

Paragraph

Font Family

Font Size

☒ $a^2+2ab+b^2$

Path: p » sup

B

I

U

ABC

Styles

Paragraph

Font Family

Font Size

☐ $a+2ab+b$

Path: p

If question and options has to be created with formulas, then first add number of options required for the question on clicking **plus** button and then click on the **show as editor** link above the options.

On clicking the link all the text area will be converted to editor. Now user can add formulas, equation and do other formatting.

MultipleSelection

Question:

Expand this equation $(a+b)^2$

Path: p

Enter Options (Click the link [show as editor](#) to change options to editor)

☒ $a^2+2ab+b^2$

Path: p » sup

☐ $a^2+2ab-b^2$





Path: p



















For Question type – Fill in the blanks


- Write the question at the question area with a ‘_’ symbol in the answer area and enter the answer in the provided column. In case, more than one fill is required, you can add more answer options using the ‘Green plus’ icon provided.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Set mark for that question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.
- Click on the create button to save it to Question bank (the ‘Questions’ page) of the Question setter/creator

Fill in the blanks

Question:

B **I** **U** **ABC**     **Styles** **Paragraph** **Font Family** **Font Size**




Sachin is known for sport _ and he is an _ by nationality

Path: p

Enter Options

cricket

indian



In place of blank add “_” symbol

Question Hint:

Sachin is an indian cricketer

Set mark: 4







































Create | **Back**

For Question type – Yes or No

- Write the question at the question area
- Mark on the check box with the right answer option - Yes or No
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Set mark for that question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator

Yes or No

Question:

B **I** **U** **ABC**                                      



For Question type – Drag and Drop

Drag and Drop: One image has to be dragged and dropped on the matching image from the options available

- Write the question at the question area and browse and select the question image (image to be dragged) from the browse option available
- Under the 'Enter Options', browse and select the image options to be matched with the question image. You can add more options using the 'Green plus' icon provided.
- Click on the check box against the right answer – Only one right answer can be opted.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Set mark for that question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator

Image Preview feature:

The following desktop browsers have support for image previews prior to uploading files:

- Google Chrome
- Apple Safari 6.0+
- Mozilla Firefox 3.6+
- Opera 11.0+
- Microsoft Internet Explorer 10.0+

The same is applicable for Image Based question.


Drag and Drop

Question:


B I U ABC
 Styles
 Paragraph
 Font Family
 Font Size


Drag and drop the image given correctly


Path: p

Choose File Koala.jpg
 

Enter Options

Choose File Hydrangeas.jpg
 
☐

Choose File Lighthouse.jpg
 
☐

Choose File Koala.jpg
 
☒
☐

+

Question Hint:
 Kolala, 3rd option is the answer

Set mark: 4.10

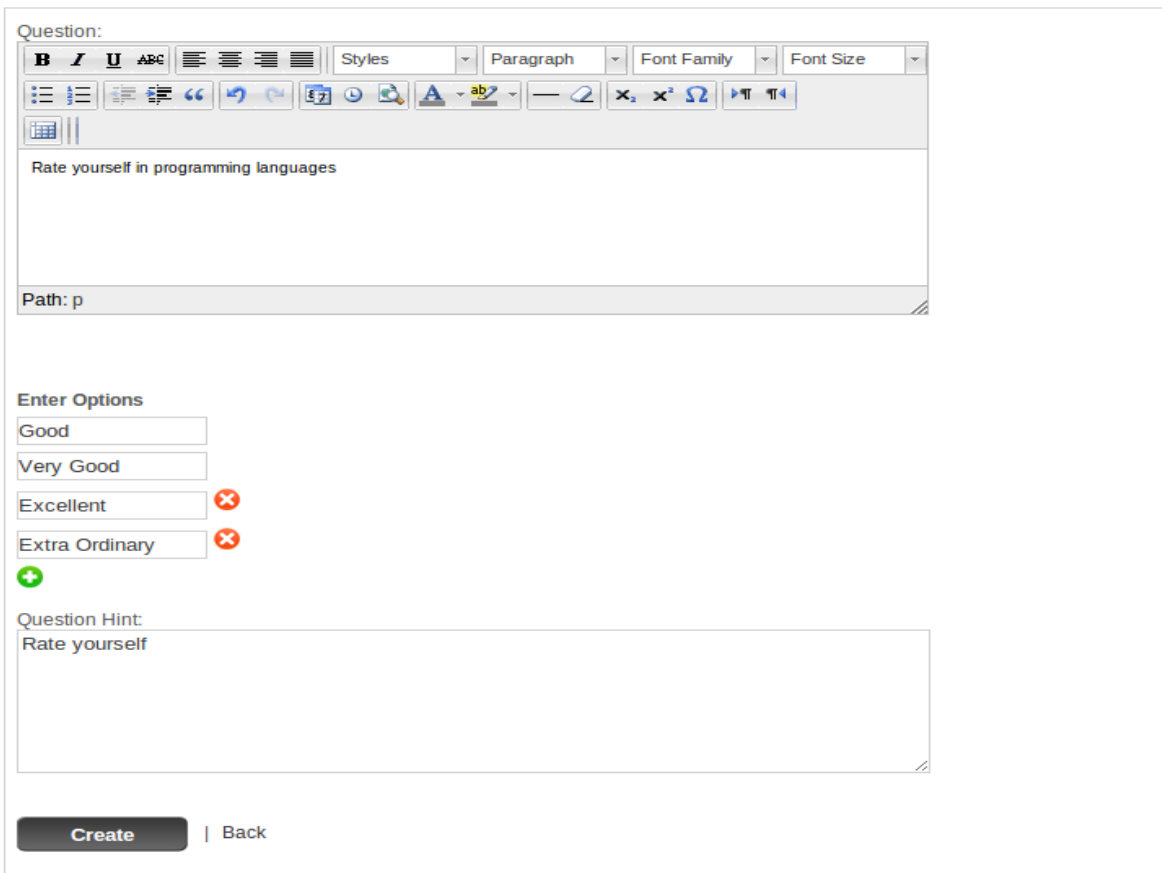
Create | Back

For Question type – Likert

Likert: This is used to rate or grade on qualitative aspects.

- Write the question at the question area and enter the answer options in the provided columns. You can add more options using the 'Green plus' icon provided.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator

Likert



The screenshot shows the 'Likert' question creation interface. At the top, there is a 'Question:' label and a rich text editor with various formatting options (bold, italic, underline, text color, background color, bulleted list, numbered list, indent, outdent, link, unlink, image, table, code, undo, redo, print, full screen, help). Below the editor is a text area containing the question 'Rate yourself in programming languages'. Underneath is a 'Path:' field with the value 'p'. The 'Enter Options' section contains four input fields with the text 'Good', 'Very Good', 'Excellent', and 'Extra Ordinary'. To the right of the 'Excellent' and 'Extra Ordinary' fields are red 'X' icons. Below these fields is a green plus icon. The 'Question Hint:' section has a text area with the hint 'Rate yourself'. At the bottom, there is a 'Create' button and a 'Back' link.

This type of question is used for Feedback purpose. Once created and published it will be displayed under the Feedback session which appears as a separate tab in the Menu bar.

For Question type – Matrix

- Write the question at the question area
- Put the matching data in the provided 'Matrix Rows' and 'Matrix Columns' area. You can add more options using the 'Green plus' icon provided.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator

Matrix

Question:

B *I* U ABC

Styles

Paragraph

Font Family

Font Size

How was your seminar in the given subjects?

Path: p

Matrix Column

English

Hindi

Maths

+

Matrix Row

Bad

Good

Very Good

+

Example:

	Maths	English	Physics	Chemistry
Bad	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Good	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Excellent	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Satisfactory	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Question Hint:

You may rate the seminar by yourself

Create

Back

This type of question is used for Feedback purpose. Once created and published it will be displayed under the Feedback session which appears as a separate tab in the Menu bar.

- For Question type – Image based**

Image based

For Question type – Hierarchical ordering

- Write the question at the question area and enter the answer options in the correct order in the provided columns. Also mention the display order of the options in the 'Display Order' drop down. You can add more options using the 'Green plus' icon provided.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Set mark for that question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator

Hierarchical ordering

Question:

B *I* U **ABC**

Styles

Paragraph

Font Family

Font Size

Arrange the alphabets in order

Path: p

Answer order	Display Order
A	2
B	3
C	4
D	1

+

Question Hint:

A,B,C,D is the correct order

Set mark: 3

Create

Back

For answering, these options need to be dragged and arranged in the correct order.

For Question type – Matching

- Write the question at the question area
- Put the matching data in the provided 'Match Option A' and 'Match Option B' columns. You can add more options using the 'Green plus' icon provided.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- Set mark for that question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.
- Click on the create button to save it to Question bank (the 'Questions' page) of the Question setter/creator

Matching

Question:


B *I* U ABC

Styles

Paragraph

Font Family

Font Size



Match the given options correctly

Path: p

Match Option A

India

Pakistan

USA

+

Match Option B

New Delhi

Karachi

Washington

✗

Example:

Match Option A	Match Option B
TAMIL NADU	HYDRABAD
KERALA	CHENNAI
ANDHRA PRADESH	THIRUVANANTHAPURAM

Question Hint:

India - New Delhi
Pakistan - Karachi
USA - Washington

Set mark:

Create

|

Back

The question will be randomized automatically every time before it is assigned to a question paper.

For Question type – Descriptive,

- Write the question in the editor.
- If you want to provide a hint for the question to emphasize its answer, you can enter the same in the Hint field provided. This is optional.
- No answer options for this, examinees will be writing the answer in the descriptive manner.
- Set mark for the question. Maximum mark for a given question is limited to 999.99 and minimum mark is 0.10.

The screenshot shows the 'Descriptive' question editor in the VirtualX system. The interface includes a top navigation bar with links like Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, Feedback, and a 'Back to Work Flow' button. On the left, there are vertical buttons for 'Blog' and 'Document Sharing'. The main editor area is titled 'Descriptive' and contains the following fields:

- Question:** A rich text editor with a toolbar (Bold, Italic, Underline, Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Link, Unlink, Image, Table, Undo, Redo) and a text area containing the text 'Waht you meant by pointers in C?'. Below the text area is a 'Path: p' field.
- Question Hint:** A text area containing the text 'Explain with minimum of 4 paragraphs with minimum of 10 major points'.
- Set mark:** A numeric input field with the value '10'.
- Buttons:** 'Create' and 'Back' buttons at the bottom of the editor.

The footer of the page contains links for 'ABOUT US', 'CLIENTS', 'FEATURES', 'MODULES', and 'CONTACT US', along with the copyright notice '© PIT Solutions Pvt. Ltd., All rights reserved.'.

For descriptive type question evaluation will be done manually.

Publishing and Sharing

- The who create the question can release the questions for question paper setting by clicking on the 'Publish' check box against that question
- Question setter can share the question you created with another Question setter clicking on the 'Share' check box against the question.
- Upon clicking a text box will appear showing the list of question setters to which you wish to share that question.
- Select the Question setter whom you want to share the question and click on the 'Assign' button to share it. By default the 'Assign' button will be disabled. Once any question setter is selected, it will be enabled.

The screenshot shows the VirtualX application window. The main content area is titled 'All Questions' and displays a list of questions. A modal window titled 'Select Question Setter' is open, showing a dropdown menu for 'Question Setters' with the following options: 'Select', 'lamin1', 'senthil', and 'lamin1'. The 'Assign' button is visible below the dropdown menu.

Name	Question Type	Subject	Published	Shared	Deleted
Pick programming languages from the following	Multiple choice question	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Select the Programming languages from the following	Multiple choice question	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capital of India and Capital of USA	Multiple choice question	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Match capitals with countries	Multiple choice question	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arrange the alphabets in order	Multiple choice question	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How was the Seminar	Matrix	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rate your self in programming languages	Likert	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
True or False questions	True or False	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes or No question	Yes or No	chemistry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Exams Module

This module manages the Creation/Scheduling of an Exam, setting question papers and assigning examinees for the exam.

Follow the below steps to create and conduct an exam. i.e., from the sub-menu items in the Exams tab.



Exams

Here all the exams are listed. User can Edit, Delete and Preview Exam.

VirtualX





Welcome admin

Sign out | Edit profile

[Users](#)
[Subjects](#)
[Questions](#)
[Exams](#)
[Result](#)
[Organization levels](#)
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Exams

Name	Preview Exam	Edit	Delete
Model 1	View		
exam410	View		

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Preview Exam

User can preview the Exam after created, preview page contains Exam details, Examinees assigned to Exam and Questions assigned to the Exam.

VirtualX

+

Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

Exam Schedule

Exam name

exam410

Exam Code

e410

Exam Date

2011-10-04 22:35:00

Total Time

02:10:00

Total Mark

2

Instruction

attend

Examinee(s)

Temporary Examinee(s): (0)
nimal (2011)

Questions

+ multiple choice (MultipleChoice)

+ multiple selecton (MultipleSelection)

Create/Schedule Exam

- Here provide the Exam name, Exam code, Exam date and time of exam, Total time of the exam, Total marks and Instructions.
- After entering the required data, click on the 'Create' button available to save the data.
- You will be directed to the 'Exams' page where you can view, edit and delete the data.

Create/Schedule Exam

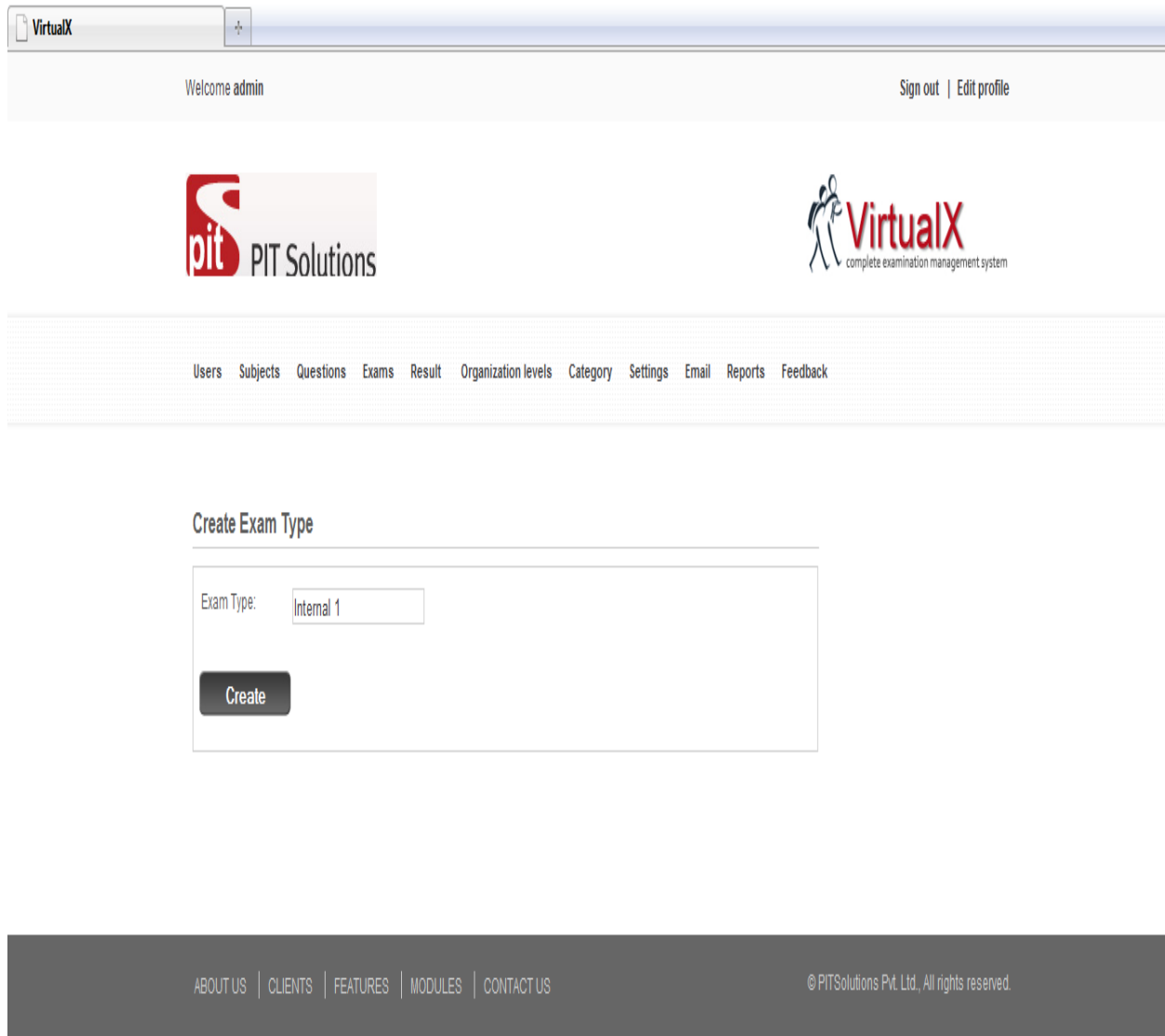
Exam name	<input type="text" value="Test Exam"/>
Exam Code	<input type="text" value="TST_01"/>
Exam Date	<input type="text" value="2013-10-31 11:30:00"/>
Total Time	<input type="text" value="02:00:00"/>
Total Mark	<input type="text" value="30"/>
Instruction	<div>Attend all questions</div>
Set Pass Percentage	<input type="text" value="70"/>

Create

Exam type

Use the 'Create' button to create an exam type. Eg.: Internal 1

After entering the required data, click on the 'Create' button available to save the data.



The screenshot displays the VirtualX web application interface. At the top, there is a header bar with the 'VirtualX' logo on the left and 'Welcome admin' in the center, with 'Sign out | Edit profile' on the right. Below the header is a navigation menu with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. The main content area is titled 'Create Exam Type'. It contains a form with a label 'Exam Type:' and a text input field containing 'Internal 1'. Below the input field is a dark grey 'Create' button. At the bottom of the page, there is a footer bar with links: ABOUT US | CLIENTS | FEATURES | MODULES | CONTACT US, and a copyright notice: ©PITSolutions Pvt. Ltd., All rights reserved.

You will be directed to the 'Exam Type' page where you can view, edit and delete the data.



Assign Exam

Here you can assign the created exam to each Course and subject categories and to the exam type with academic year.

Follow the below steps to assign an exam.

Filter Exam

- Mention the date/dates in which an exam was created. Mention this in the 'From Date' and 'To Date' boxes.
- Click on the 'Filter' button available just below to display the list of exams created in between the dates mentioned in the above boxes.
- The result of this action will be displayed in the 'Select Exam' option in the second level (Assign Exam)

Assign Exam

- Select the exam from the 'Select exam' drop down option
- Select the exam type from the 'Exam Type' drop down option
- Select the academic year from the 'Academic Year' drop down option

Categories

- Mark on the check boxes corresponding to the Categories for which you want to conduct the exam
- Click on the Assign button to assign the exam to the Categories and other sub-divisions

VirtualX

Filter Exam

From Date: 2011-10-20

To Date: 2011-10-22

Filter

Assign Exam

Select Exam: English

Exam Type: Model 1

Academic Year: 2011

Categories

Name	
BSc << chemistry << 1st year << 1st Semester	<input checked="" type="checkbox"/>
MSc << chemistry << 1st year << 1st Semester	<input checked="" type="checkbox"/>
MS << chemistry << 1st year << 1st Semester	<input type="checkbox"/>

Assign



Select questions

Here you can include the questions you have already prepared to the respective category and subjects.

Follow the below steps to assign an exam.

Filter


- Select the question type and Category for which the questions have been prepared.
- Click on the filter button. This action will pull out the questions prepared for that particular category and subjects only.
- Select Category
- Select the category, Exam type and Academic year and click filter to pick all the Exams that were assigned to the selected options.
- Exams for the selected options will be listed in the Select Exam drop down.

Select the exam from the 'Select Exam' drop down

- The 'Exam mark' and 'Mark Assigned' boxes will appear.
- At this box you can edit the Exam Mark, the total mark for which the exam is to be conducted.
- This should match up with the Mark assigned (The total mark of all the questions included in the question paper).
- If the Marks assigned and the Exam mark does not match, a notification will appear. Unless the marks assigned match with the Exam mark, Exam cannot be taken by Examinees.

Select Question

- The list of questions prepared under the selected category and subject will be displayed here.
- Mark the check box against the question you want to include in the question paper.
- The marks of all these selected questions should match up with the total marks. This can be cross-checked from the 'Exam mark' and 'Mark Assigned' boxes above.
- Click on the Assign button to complete the question paper setting process



Filter

Question Type: All

Category: BSc << chemisty << 1st year << 1st Semester << chemistry

Filter

Select Category: BSc << chemisty << 1st year << 1st Semester

Exam Type: Model 1

Academic Year: 2011

Filter

Select Exam: English

Total Mark: 50

Mark Assigned: 0

Select Question

Name	Question Type	Subject	Mark	
multiple choice	MultipleChoice	chemistry	1.0	<input checked="" type="checkbox"/>
multiple selecton	MultipleSelection	chemistry	1.0	<input checked="" type="checkbox"/>
Fillup question _ and _	Fill in the blanks	chemistry	2.0	<input checked="" type="checkbox"/>



Assign Examinees

Here you can assign examinees to take an exam.

Follow the below steps to assign an examinee to an exam.

Filter exam

- Put the exam/exams created date/dates in the 'From Date' and 'To Date' boxes and click on the filter button to pull out the list of exams scheduled on or between these dates

Select exam

- Select the exam you wish to select from the 'Select Exam' drop down box and click on the Filter button
- All the categories assigned to the Exam will be listed in the Select category drop down.

Select category

- Select the category from drop down box and click on the Filter button
- This action will display the list of Examinee/s those who have been assigned under the filtered category with a check box against their details
- Click on the check boxes against the examinees you want to assign the exam
- Click on the 'Assign' button to complete the process of assigning examinees for an exam

VirtualX

From Date: 2011-10-21

To Date: 2011-10-22

Filter

Select Exam

Select Exam: English

Filter

Select Category:

Select Category: BSc << 1st year << chemisty << 1st semester << 2011

Filter

Examinee(s)

Name	
nirmal	

Manual Evaluation

Descriptive type questions will be evaluated manually where as other question types are evaluated by the system.

While assigning questions to exam, if any one of the question assigned is a descriptive type then that question will remain unevaluated, for that period of time result of examinees will be in the pending status. Once the descriptive type from the exam gets evaluated by Examiner or Evaluator then result will be published.

Assign Evaluators

Question setter will act as evaluator. When you assign a question setter to a category subject, the same question setter will be availed as evaluator under that category.

Evaluator on logging in to system can evaluate the examinees, their descriptive type questions.

Filter Exam

From Date:	<input type="text" value="2012-01-16"/>
To Date:	<input type="text" value="2012-01-23"/>
<input type="button" value="Filter"/>	

Select Exam

Select Exam:	<input type="text" value="Exam23-1-2012"/>	<input type="button" value="v"/>
--------------	--	----------------------------------

Select Category:

Select Category:	<input type="text" value="MTec << Chemistry << 1st year << 1st Semester"/>	<input type="button" value="v"/>
<input type="button" value="Filter"/>		

Evaluators/Question Setters

Evaluators/Question Setters	Subject	
black.nirmal	Chemistry	<input checked="" type="checkbox"/>

Evaluators

All the evaluators under the respective category will be listed here and evaluators can be deleted from here.




Users
Subjects
Questions
Exams
Result
Organization levels
Category
Settings
Email
Reports
Feedback

Create/Schedule exam
Exam type
Assign exam
Select questions
Assign Examinees
Evaluate Exam
Evaluators
Assign Evaluator

Filter Evaluators:

Select Category: MTec << Chemistry << 1st year << 1st Semester

Academic Year: 2012

Exam type: Model 1

Exam: Exam19th

Filter

Evaluators

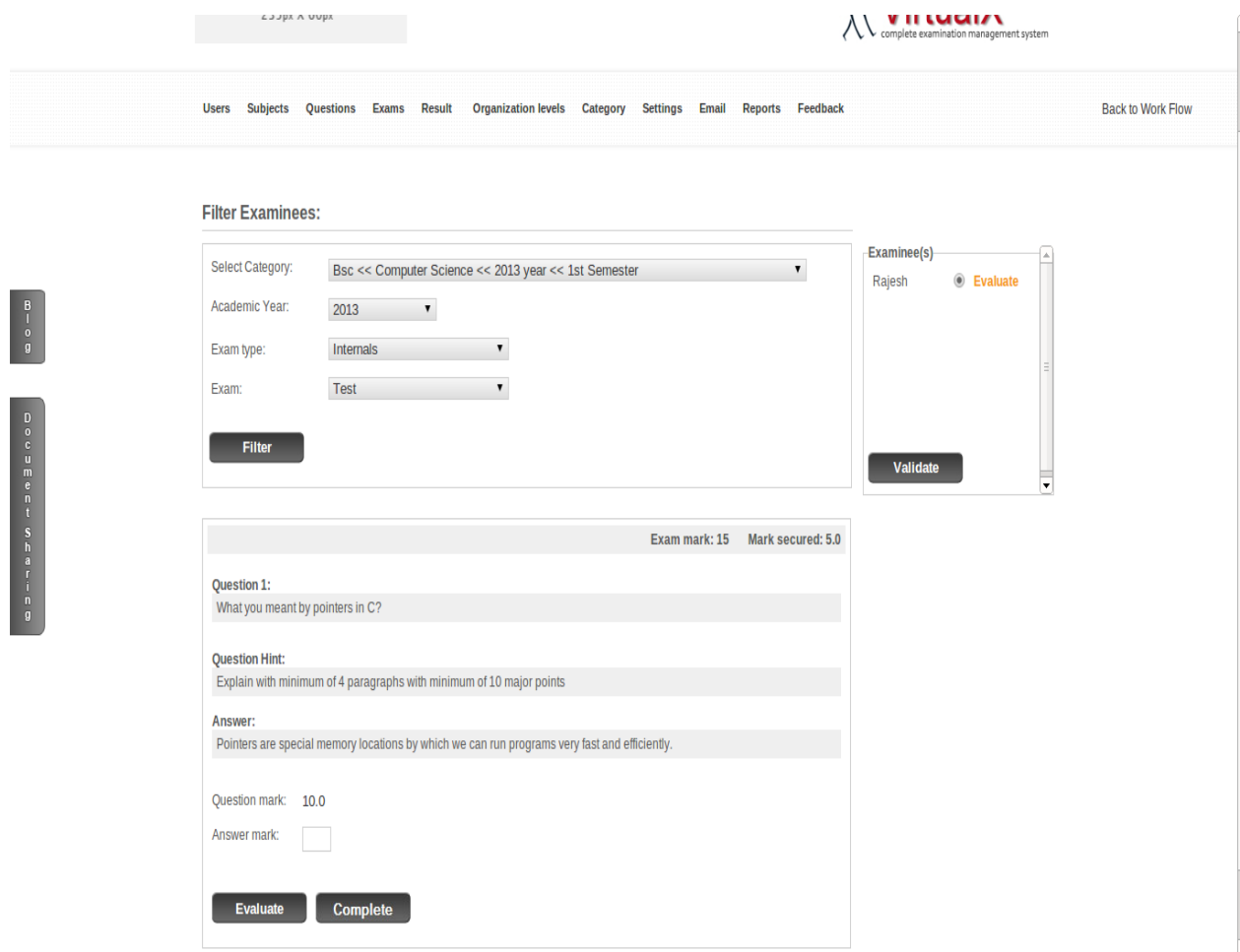
Name	Email	Delete
black.nirmal	black.nirmal@gmail.com	✖

valuator

Evaluate Exam

Examiner or assigned Question setters will be allowed to do the evaluation for exams.

In the right side the box has Examinees listing, with status as 1) Not Taken i.e. examinee have not attended the exam, 2) Evaluate i.e. Need evaluation for the exam, and 3) Evaluated i.e. Exam has been evaluated.



The screenshot shows the VirtualX web application interface for evaluating exams. At the top, there is a navigation bar with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, Feedback, and a 'Back to Work Flow' link. Below the navigation bar, the 'Filter Examinees:' section contains several dropdown menus: 'Select Category' (set to 'Bsc << Computer Science << 2013 year << 1st Semester'), 'Academic Year' (set to '2013'), 'Exam type' (set to 'Internals'), and 'Exam' (set to 'Test'). A 'Filter' button is located below these filters. To the right of the filters, there is a box titled 'Examinee(s)' containing a list of examinees. The first examinee, 'Rajesh', has a radio button next to the 'Evaluate' status. A 'Validate' button is located below this list. Below the filters and the examinee list, there is a detailed view of a question. It shows the 'Question 1:' text, a 'Question Hint:', and the 'Answer:'. Below the answer, there are fields for 'Question mark:' (set to '10.0') and 'Answer mark:' (empty). At the bottom of this section, there are two buttons: 'Evaluate' and 'Complete'. On the left side of the interface, there is a vertical sidebar with links: 'Blog' and 'Document Sharing'.

Note that Question once evaluated cannot be evaluated again.

Welcome admin

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[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

Filter Examinees:

Select Category:	<input type="text" value="MTec << Physics << 1st year << 1st Semester"/>	<input type="button" value="v"/>
Academic Year:	<input type="text" value="2012"/>	<input type="button" value="v"/>
Exam type:	<input type="text" value="Model 1"/>	<input type="button" value="v"/>
Exam:	<input type="text" value="Maths paper 1"/>	<input type="button" value="v"/>
<input type="button" value="Filter"/>		

Examinee(s)

Aravind	<input type="radio"/>	Not Taken
nirmaleswaran	<input type="radio"/>	Not Taken
nirmaleswaranp	<input type="radio"/>	Evaluated

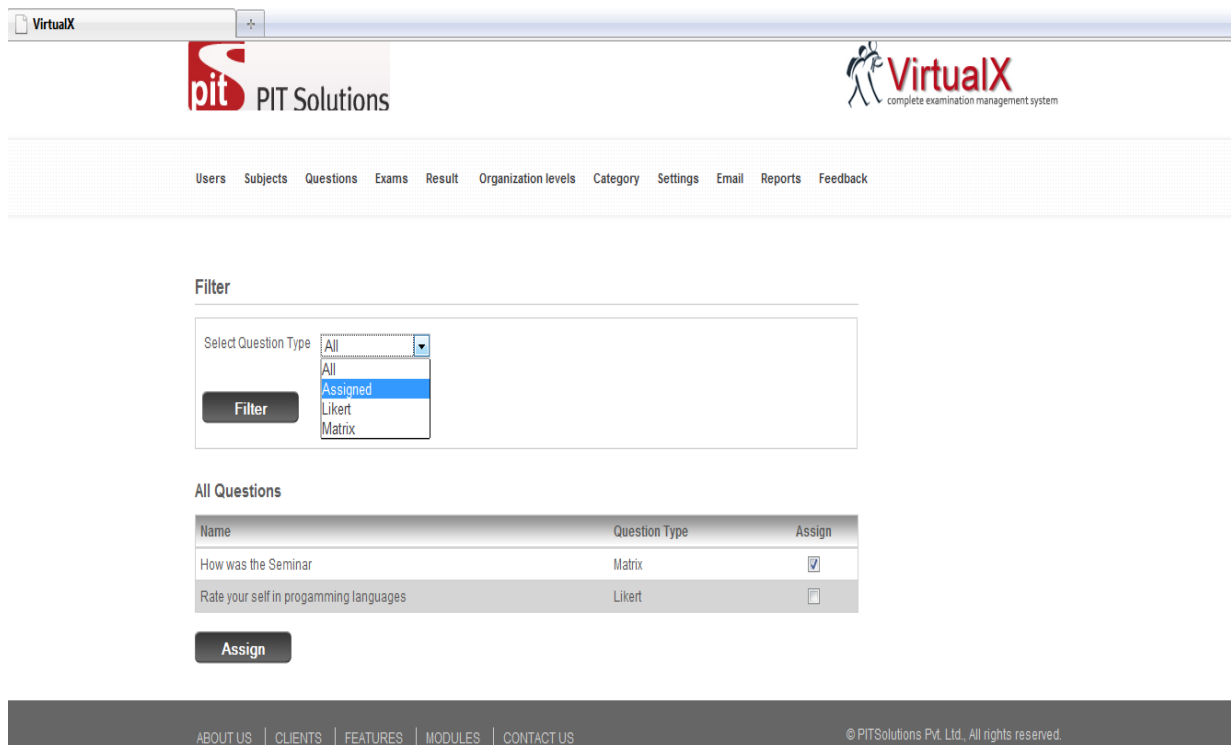
Feedback Module

Feedback questions will be in the Likert or Matrix format and is prepared in the Questions module. These questions on publishing will appear under the Feedback tab in the menu bar.

After setting every question paper and assigning it for exams one feedback question also can be assigned along with that. This can be done by the following procedure.

- Click on the feedback tab in the menu bar
- Set of feedback questions with 'Assign' check box will appear
- Click on the check box corresponding to the selected feedback question
- Click on the 'Assign' button at the end of the page and this question will be assigned along with the exam questions.

To set different feedback question uncheck the Assigned feedback question, on unchecking the feedback questions gets unassigned. To find the Assigned feedback question filter it from the Select question type dropdown.



The screenshot shows the VirtualX web application interface. At the top, there's a header with the PIT Solutions and VirtualX logos. Below the header is a navigation menu with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. The 'Feedback' tab is selected. Below the menu, there's a 'Filter' section with a dropdown menu labeled 'Select Question Type'. The dropdown is open, showing options: All, Assigned (highlighted), Likert, and Matrix. A 'Filter' button is next to the dropdown. Below the filter section, there's a table titled 'All Questions'.

Name	Question Type	Assign
How was the Seminar	Matrix	<input checked="" type="checkbox"/>
Rate your self in programming languages	Likert	<input type="checkbox"/>

Below the table is an 'Assign' button. At the bottom of the page, there's a footer with links: ABOUT US, CLIENTS, FEATURES, MODULES, CONTACT US, and a copyright notice: © PITSolutions Pvt. Ltd., All rights reserved.

View Feedback Responses

Feedback responses can be viewed using the Sub-menu in the Feedback tab.

Click the 'View' option against the feedback response appearing and there you can see the response.



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Feedback Responses

Question	View Response
Thsi si Likert	View
Exam complexity?	View

Matrix Question Responses

Count for the Examinees responses are given in the corresponding boxes.



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Matrix

Exam complexity?

Question Hint:

Just give your feedback

	Very Hard	Easy	Hard	Normal	Super Easy
Maths	1				
Physics			1		
Chemistry	1				
GK				1	

Likert Question Responses

Count for the Examinees responses are given in the Response count boxes.

Feedback Response

Likert

Thsi si Likert

Question Hint:

specify good or bad

Answer	Response Count
Good	2
Bad	0

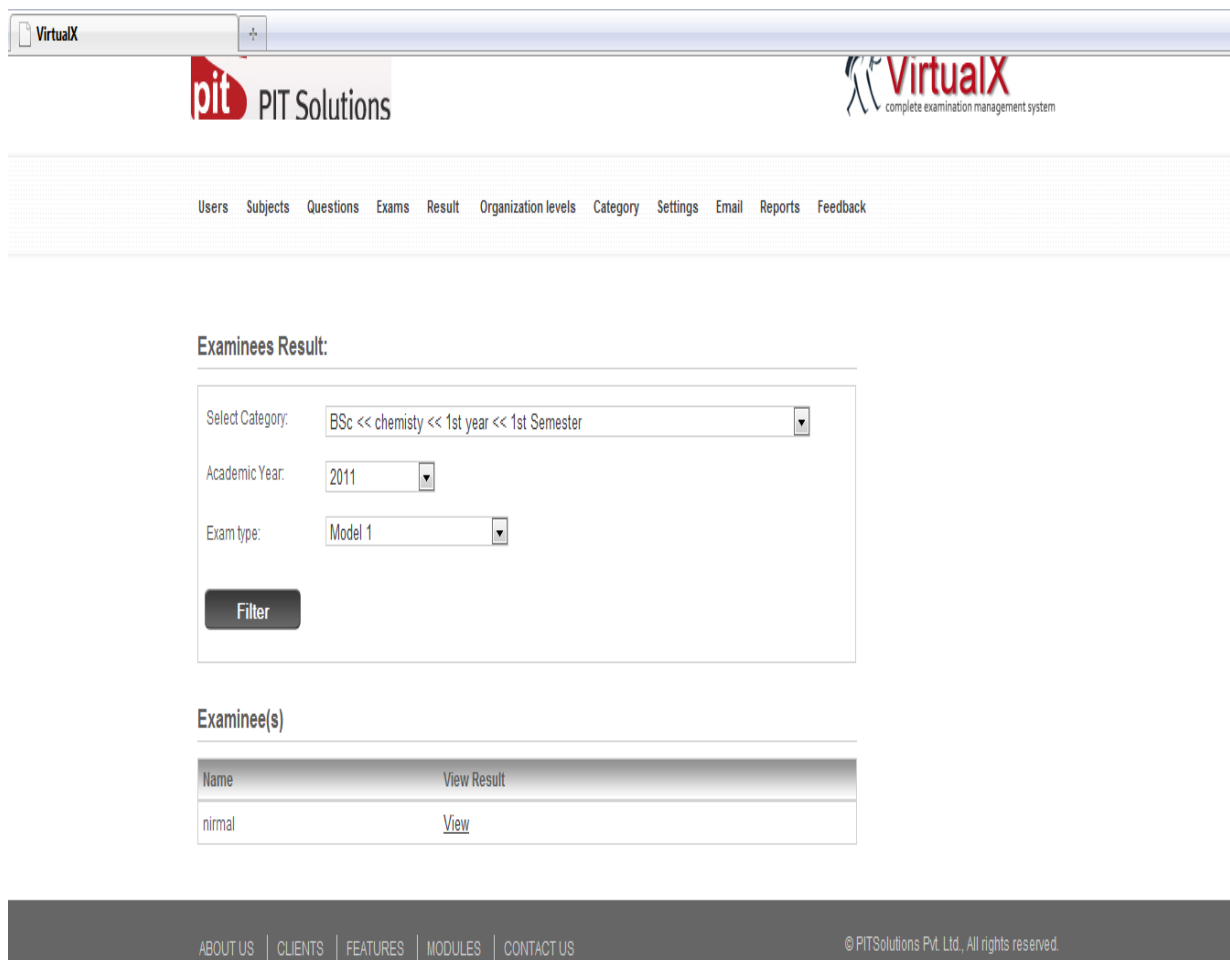


Results Module

Instant results of the Examinees can be view from this module. Results are of three types such as Examinees Result, Exams Results and Department Results

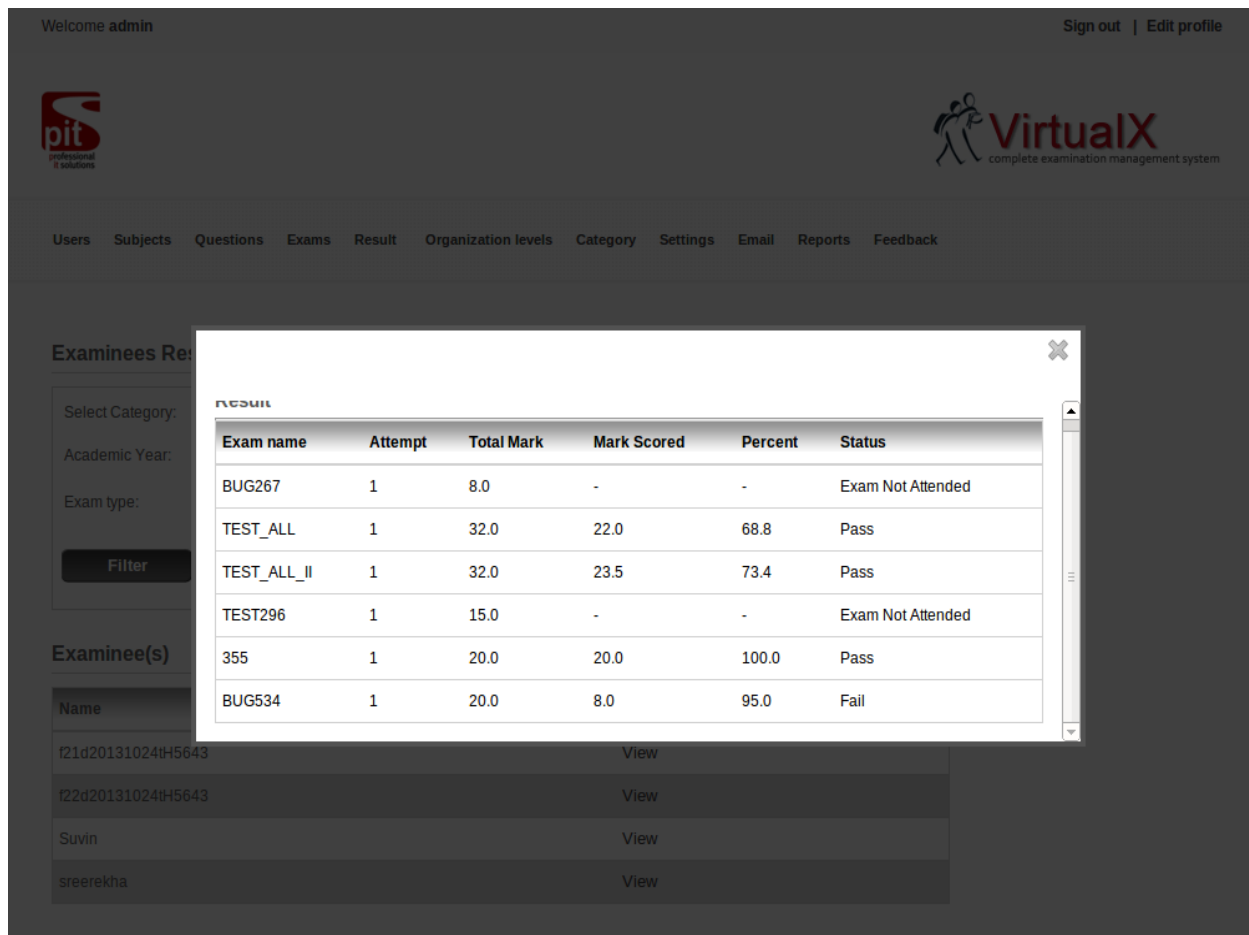
Examinees Result

On clicking the Examinees Result sub menu page will be directed to Examinees Result. In the page you should select the values such as Category, Academic year and Exam type from the dropdown and on clicking filter list of Examinees under for the selected values will be listed.



The screenshot shows the VirtualX web application interface. At the top, there is a header with the VirtualX logo and the text 'complete examination management system'. Below the header is a navigation menu with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. The main content area is titled 'Examinees Result:'. It contains three dropdown menus: 'Select Category:' with the value 'BSc << chemistry << 1st year << 1st Semester', 'Academic Year:' with the value '2011', and 'Exam type:' with the value 'Model 1'. Below these dropdowns is a 'Filter' button. Under the 'Filter' button, there is a section titled 'Examinee(s)' which contains a table with two columns: 'Name' and 'View Result'. The table has one row with the name 'nirmal' and a 'View' link. At the bottom of the page, there is a footer with links: ABOUT US, CLIENTS, FEATURES, MODULES, and CONTACT US. On the right side of the footer, it says '© PIT Solutions Pvt. Ltd., All rights reserved.'

To view the Result of the Examinee, click on the corresponding view link of the Examinee.



Examinees Result

Select Category:
Academic Year:
Exam type:
Filter

Examinee(s)

Exam name	Attempt	Total Mark	Mark Scored	Percent	Status
BUG267	1	8.0	-	-	Exam Not Attended
TEST_ALL	1	32.0	22.0	68.8	Pass
TEST_ALL_II	1	32.0	23.5	73.4	Pass
TEST296	1	15.0	-	-	Exam Not Attended
355	1	20.0	20.0	100.0	Pass
BUG534	1	20.0	8.0	95.0	Fail

Name


t21d20131024tH5643	View
t22d20131024tH5643	View
Suvin	View
sreerekha	View

In view, examinee can have the following statuses,

- **Pass** – Examinee has passed in the exam
- **Fail** – Examinee has failed in the exam
- **Exam Not Attended** – Examinee has not attended the exam
- **Exam Not Properly Completed** – Examinee has attended the exam, but not properly completed. It can be due to closing of browser, not clicking on Finish button to finish the Exam etc.

Exam Result

On clicking the Exam Result sub menu page will be directed to Exam Result. In the page you should select the values such as Category, Academic year and Exam type from the dropdown and on clicking filter list of Exams under for the selected values will be listed.



[Users](#)
[Subjects](#)
[Questions](#)
[Exams](#)
[Result](#)
[Organization levels](#)
[Category](#)
[Settings](#)
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[Reports](#)
[Feedback](#)

Exams Result:

Select Category: BSc << chemistry << 1st year << 1st Semester
 Academic Year: 2011
 Exam type: Model 1

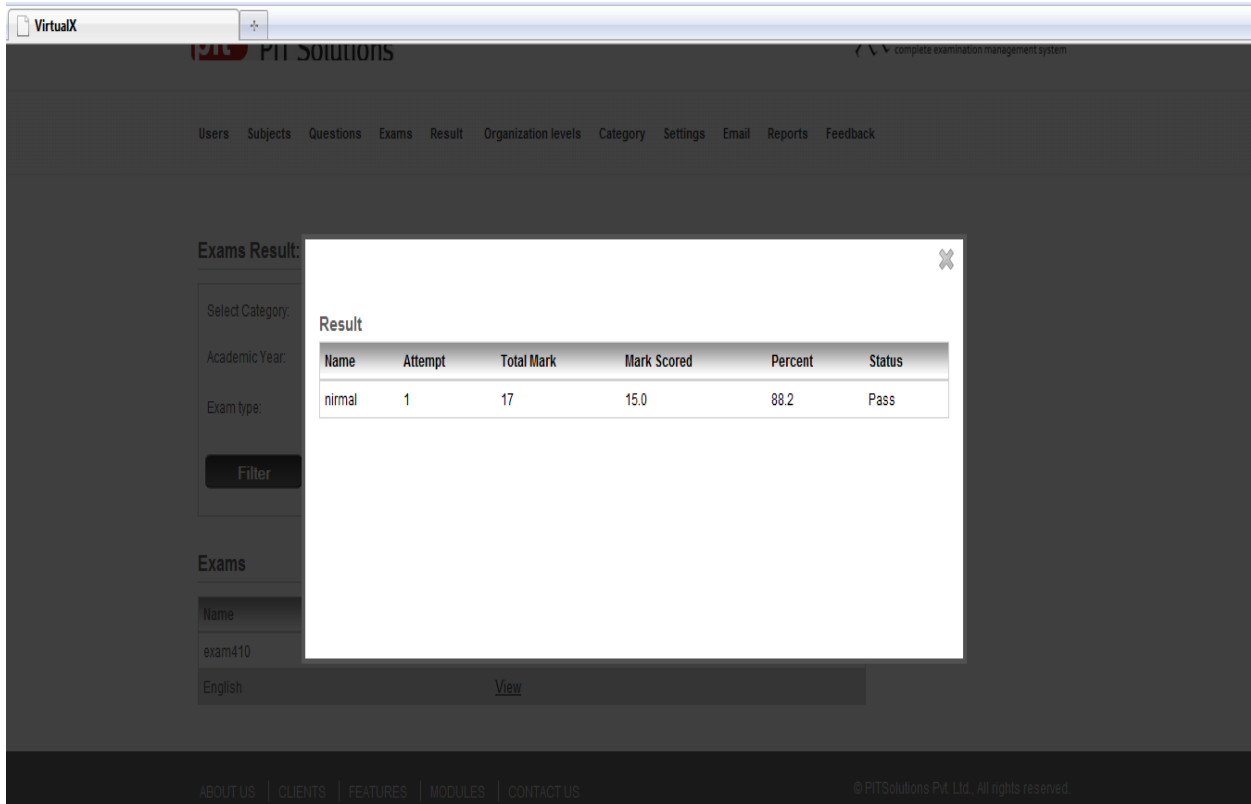
Exams

Name	View Result
exam410	View
English	View

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To view the Result of the Examinee who has taken the Exam, click on the corresponding view link of the Exam.



The screenshot shows the VirtualX web application interface. A modal window titled "Result" is open, displaying a table with exam results. The table has columns: Name, Attempt, Total Mark, Mark Scored, Percent, and Status. The data row shows a "normal" exam with 1 attempt, a total mark of 17, a mark scored of 15.0, a percent of 88.2, and a status of "Pass".

Name	Attempt	Total Mark	Mark Scored	Percent	Status
normal	1	17	15.0	88.2	Pass

The background interface includes a navigation menu with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, Feedback. The footer contains links: ABOUT US, CLIENTS, FEATURES, MODULES, CONTACT US, and a copyright notice: © PIT Solutions Pvt. Ltd. All rights reserved.

Department Result

On clicking the Department Result sub menu page will be directed to Department Result. In the page you should select the values such as Category, Academic year and Exam type from the dropdown and on clicking filter list it will list all the Examinees and their exams collectively with the mark.

VirtualX

PIT Solutions

complete examination management system

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Department Result:

Select Category:

MTec << Chemistry << 1st year << 1st Semester

Academic Year:

2011

Exam type:

1st internal

Generate

Result

Course	Year	Name	Test 11-10	Test 11-10-1	Exam12-10	Total	Percent
MTec	1st	senthil	12.0	4.0	12.0	28.0	77.78
MTec	1st	nirmaleswararup	0.0	0.0	0.0	0	0.0

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Reports Module

The results of the exams can be extracted in the form of various reports according to your requirements. These reports can be viewed within the system as well as re-produced and saved in excel and pdf formats. The different reports are, Examinees Report, Exams Report, Overall Report, Organizations overview, Pass/Fail Report.

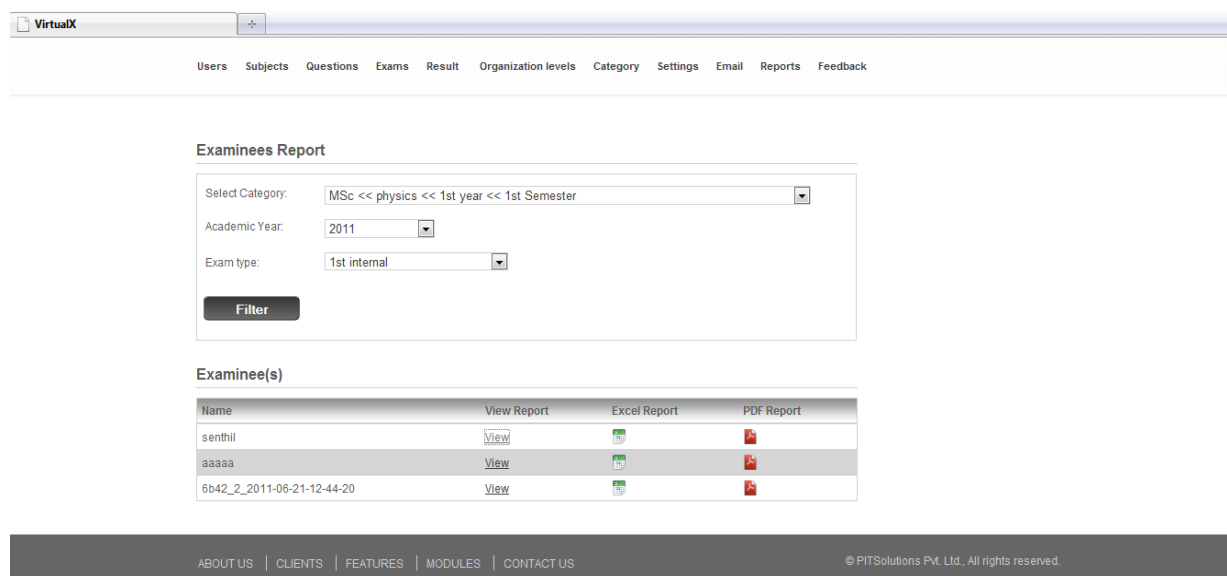
Examinees Report

This is the report showing the exam results of all the examinees individually that comes under a particular category, academic year and exam type. This report can be viewed and downloaded in excel and pdf formats.

To obtain this report follow the below steps

- Click on the 'Examinees Report' from the 'Reports' tab in the menu bar.
- Select the Category, Academic year and Exam type from the drop down boxes.
- Click on the 'Filter' button in the page
- After this action the entire list of Examinees under this category will be displayed.
Here individual reports can be viewed in the system and can be viewed and saved in excel and pdf formats.

Examinee Report Screen-1



Examinees Report







Select Category: MSc << physics << 1st year << 1st Semester

Academic Year: 2011

Exam type: 1st internal

Filter

Examinee(s)

Name	View Report	Excel Report	PDF Report
senthil	View		
aaaaa	View		
6b42_2_2011-06-21-12-44-20	View		

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Examinee Report Screen-2

On Clicking PDF report image from Screen-1, following data appears in the pdf report.



Examinee: senthil
Course: MSc
Department: physics
Year: 1st year
Semester: 1st semester
Exam Type: 1st internal
Academic Year: 2011

Exam name	Attempt	Exam Mark	Mark Scored	Percent	Status
Physics	1	4	2.0	50.0	Pass
check2	1	2	2.0	100.0	Pass
exam14-9	1	2	1.5	75.0	Pass

Examinee Report Screen-3

On clicking view link from the Screen-1, will generate the graphical representation of the exams and percentage.





Examinee Report Screen-4

On clicking the PDF report from the Screen-3, report for Answer sheet will get generated.



Examinee : Rajesh
Department : Computer Science
Course : Bsc
Year : 2013
Semester : 1st
Academic Year : 2013
Exam Type : Internals
Exam name : Test

Status	Pass Percentage	Percentage Acquired	Exam Mark	Mark Scored
Pass	50.0%	80.0%	15	12.0

Questions & Answers

Q.No 1

Question Type : Match the Following
Question : Match the following
Hint : India - New Delhi
Pakistan - Karachi
USA - Washington
Match Options : New Delhi,Karachi,Washington
Your Answer : New Delhi,Karachi,Washington
Actual Answer : India,Pakistan,USA
Question Mark : 3.0
Mark Scored : 3.0

Q.No 2

Question Type : Hierarchical Ordering
Question : Arrange the alphabets in order
Hint : a,b,c,d is the correct option as per the alphabet series
Your Answer : a,b,c,d
Actual Answer : a,b,c,d
Question Mark : 2.0
Mark Scored : 2.0

Q.No 3

Question Type : Descriptive
Question : What you meant by pointers in C?
Hint : Explain with minimum of 4 paragraphs with minimum of 10 major points
Your Answer : Pointers are special memory locations by which we can run programs very fast and efficiently.
Question Mark : 10.0

Exams Report

This is the report showing results of all the exams individually which comes under a particular category, academic year and exam type.

This report can be viewed and downloaded in excel and pdf formats.

To obtain this report follow the below steps

- Click on the 'Exams Report' from the 'Reports' tab in the menu bar.
- Select the Category, Academic year and Exam type from the drop down boxes.
- Click on the 'Filter' button in the page

After this action the entire list of exams under this category will be displayed. Here individual exam reports can be viewed in the system and can be viewed and saved in excel and pdf formats.

Exam Report Screen-1

VirtualX

Exams Report



















Select Category: BVSC << Genetics << 1st year << 1st Semester

Academic Year: 2011

Exam type: 1st internal


Filter

Exams

Name	View Report	Excel Report	PDF Report
genome	View		
genome2	View		
genome3	View		
genome4	View		
test8	View		
test11	View		
test12	View		
genome21-7	View		
test-4-8	View		

Exam Report Screen-2

On Clicking PDF report image from Screen-1, following data appears in the pdf report.

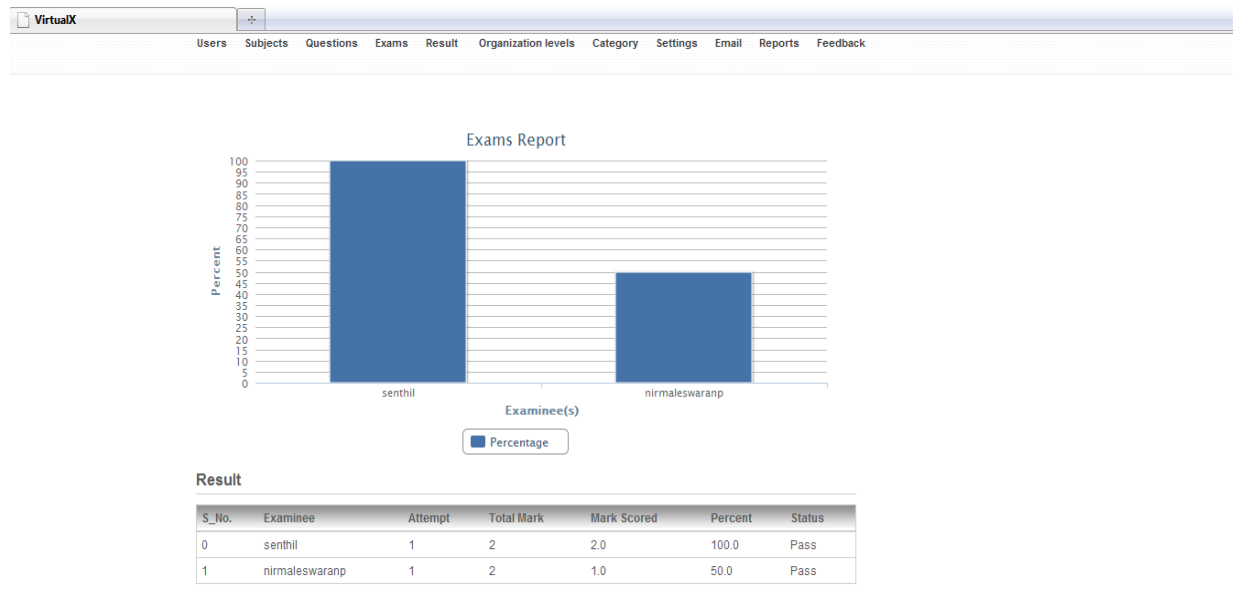


Exam name: genome
Course: BVSC
Department: Genetics
Year: 1st year
Semester: 1st semester
Exam Type: 1st internal
Academic Year: 2011

Examinee	Attempt	Exam Mark	Mark Scored	Percent	Status
senthil	1	2	2.0	100.0	Pass
nirmaleswaralp	1	2	1.0	50.0	Pass

Exam Report Screen-3

On clicking view link from the Screen-1, will generate the graphical representation of the examinees and percentage.



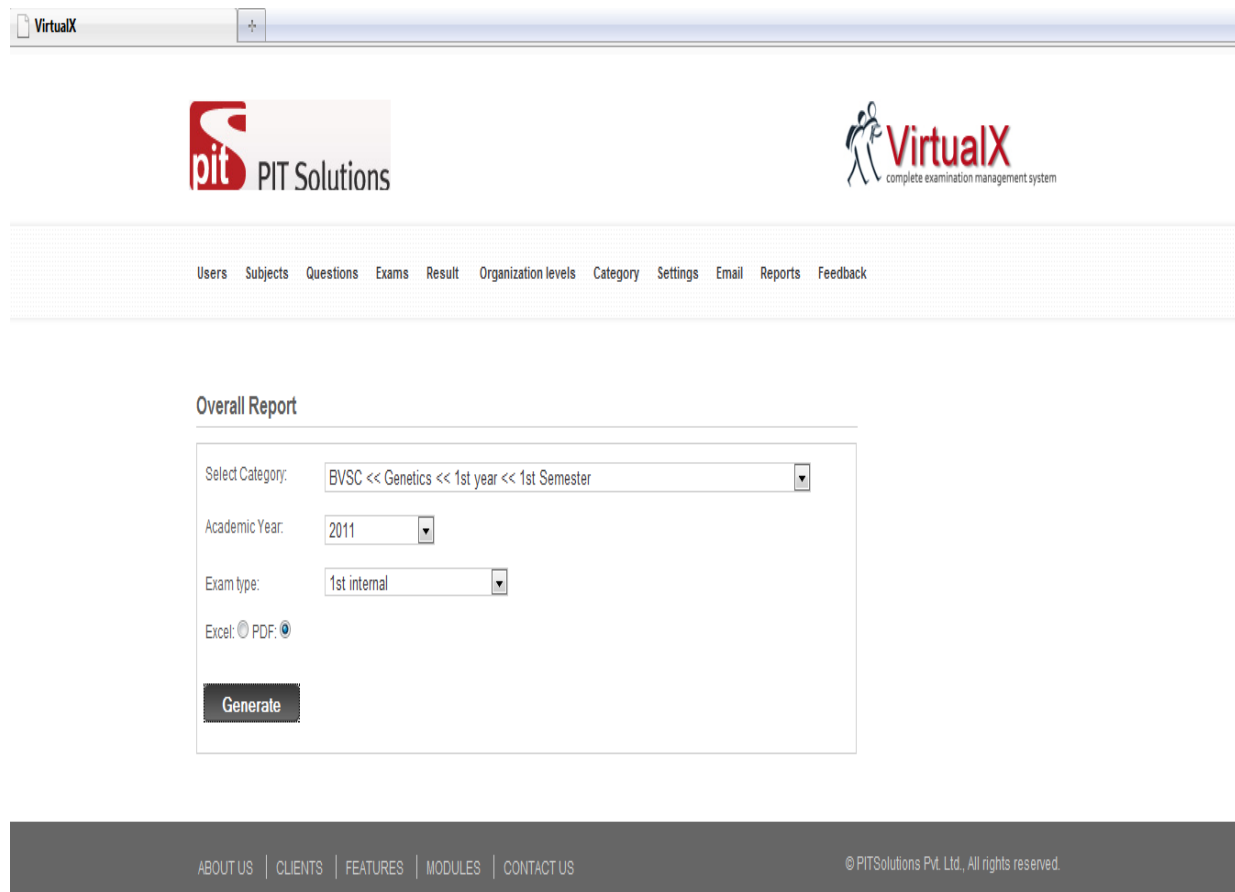
Overall Report

This report shows overall view of all the exams conducted under a particular category. This report can be viewed and downloaded in excel and pdf formats and is not viewable from the system.

To obtain this report follow the below steps

- Click on the 'Overall Report' from the 'Reports' tab in the menu bar.
- Select the Category, Academic year and Exam type from the drop down boxes.
- Select the type of file in which you require output – excel or pdf
- Click on the 'Generate' button in the page to create an output
- You will be asked to view/download the report and you can select as per your requirement

Overall Report Screen-1



The screenshot shows the 'Overall Report' screen in the VirtualX system. At the top, there is a header bar with the 'VirtualX' logo and the text 'complete examination management system'. Below the header, there is a navigation menu with the following items: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. The 'Reports' tab is selected. The main content area is titled 'Overall Report' and contains a form with the following fields:

- Select Category: BVSC << Genetics << 1st year << 1st Semester
- Academic Year: 2011
- Exam type: 1st internal
- Excel: ☐ PDF: ☒
- Generate button

At the bottom of the screen, there is a footer bar with the following text: ABOUT US | CLIENTS | FEATURES | MODULES | CONTACT US. On the right side of the footer bar, there is a copyright notice: © PITSolutions Pvt. Ltd, All rights reserved.

Overall Report Screen-2

On Clicking Generate button with PDF Radio button checked from Screen-1, following data appears in the pdf report.



Course: BVSC
 Department: Genetics
 Year: 1st year
 Semester: 1st semester
 Exam Type: 1st internal
 Academic Year: 2011

Examinee	genome	genome2	genome3	genome4	test8	test12	genome21-7	test-4-8	Grand Total
nirmale swarnap	1.0	1.0	2.0	0	0	0	0	2.0	6.0
senthil	2.0	1.0	0.0	11.0	2.0	2.0	7.0	2.0	27.0

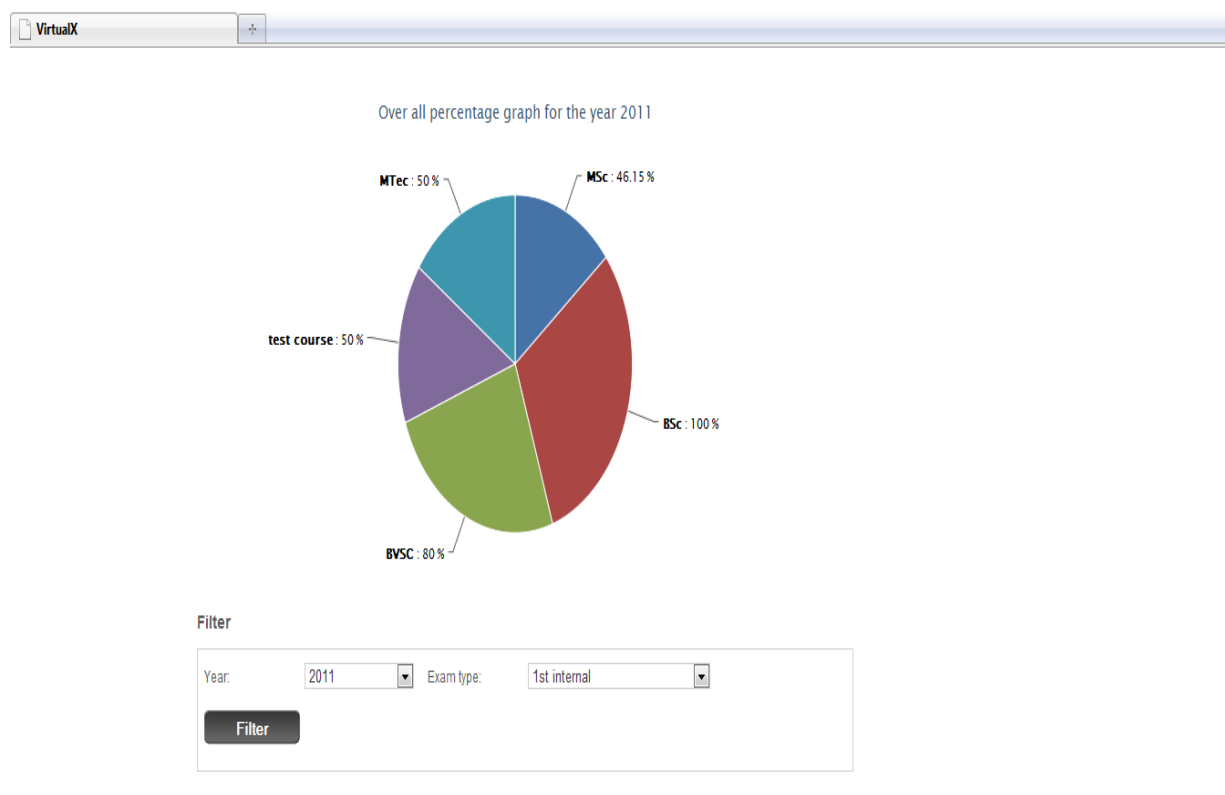
Organizations Overview

This report shows the result of exam conducted for each course in a particular year and for a particular exam type. This report is viewable only in the system and cannot be viewed or downloaded in excel and pdf formats.

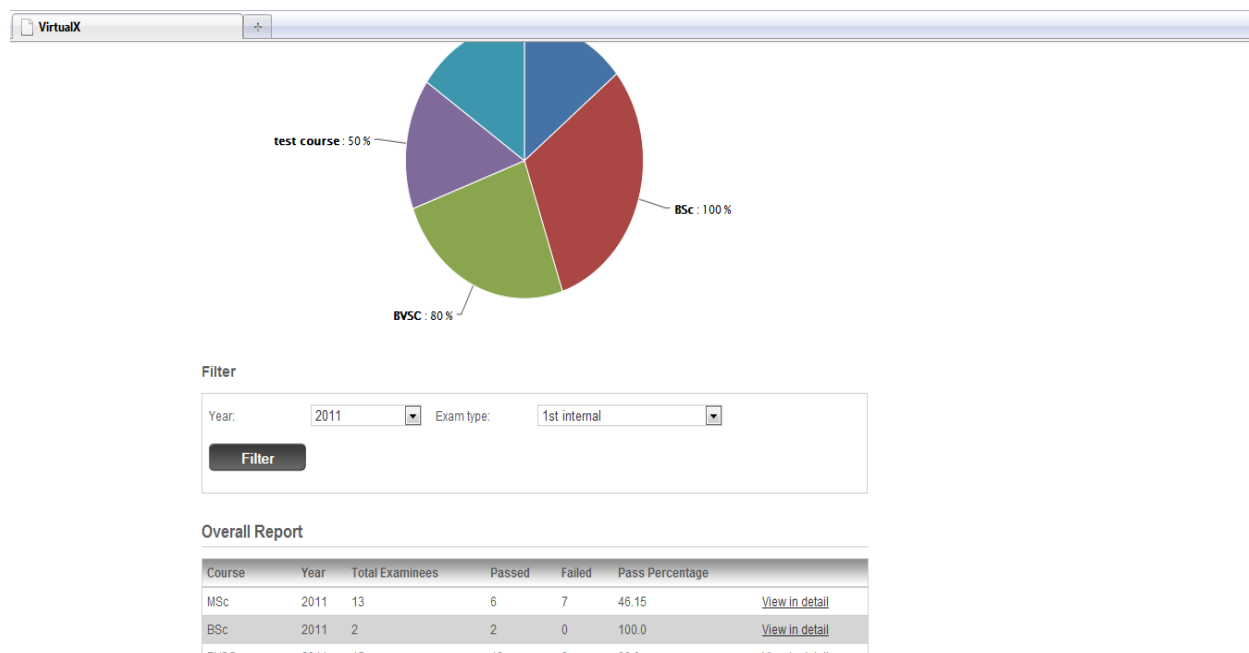
To obtain this report follow the below steps,

- Click on the 'Organizations Overview' from the 'Reports' tab in the menu bar.
- Select the Academic year and Exam type from the drop down boxes.
- Click on the 'Filter' button in the page
- After this action a course wise overview of exam results published in that academic year will appear
- Another detailed report on each course can be obtained by clicking on the 'View in detail' button against each course

Organizations Overview Screen-1

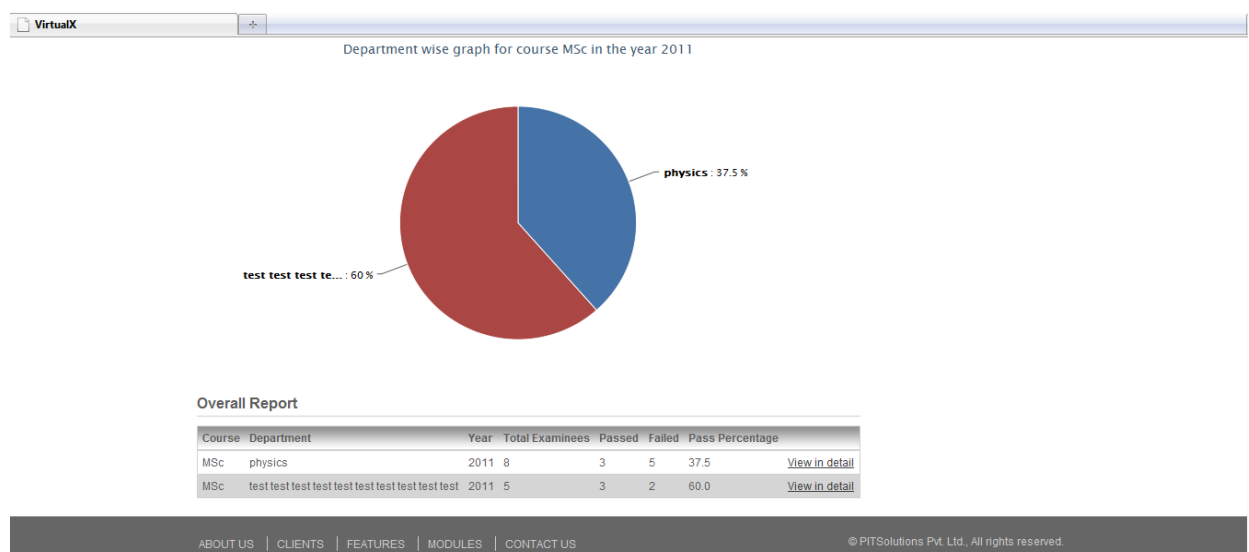


Organizations Overview Screen-2



Organizations Overview Screen-3

On clicking the View in detail link form Screen-2, graphical view for Department detailed page will be displayed. From here on clicking View in detail, takes to Year in Details page and Semester in Detail page.



Pass/Fail Report

This is the report showing the Pass and Fail results of all the examinees individually who comes under a particular category, academic year, exam type and attended a particular exam.


This report can be viewed and downloaded in excel and pdf formats from the link appearing at the bottom of the page.

To obtain this report follow the below steps:

Filter

- Click on the 'Pass/Fail Report' from the 'Reports' tab in the menu bar.
- Select the Category, Academic year and Exam type from the drop down boxes.
- Click on the 'Filter' button in the page
- Select the exam and Pass/Fail type of information required from the 'Exams' and 'Pass/Fail' drop down options
- Click on the 'Filter' button in the page
- After this action the Pass/Fail list of examinees under this category and exam attended will be displayed and the results are viewable along with that. This reports can be viewed and saved in excel and pdf formats.

Pass/Fail Report Screen-1



Pass/Fail Report

Select Category: BVSC << Genetics << 1st year << 1st Semester
 Academic Year: 2011
 Exam type: 1st internal

Select

Exams: genome
 Pass/Fail: All


Examinee(s)

Name	Mark Scored	Percent	Status
nirmaleswarann	1.0	50.0	Pass
senhil	2.0	100.0	Pass

[Excel Report](#) | [PDF Report](#)

Pass/Fail Report Screen-2

On clicking PDF Report link from screen-1, following PDF report with all the examinees with pass/fail status under the selected category will be listed.


Exam name: genome
Course: BVSC
Department: Genetics
Year: 1st year
Semester: 1st semester
Academic Year: 2011
Exam Type: 1st internal

Examinee	Mark Scored	Percent	Status
nirmaleswaranp	1.0	50.0	Pass
senthil	2.0	100.0	Pass

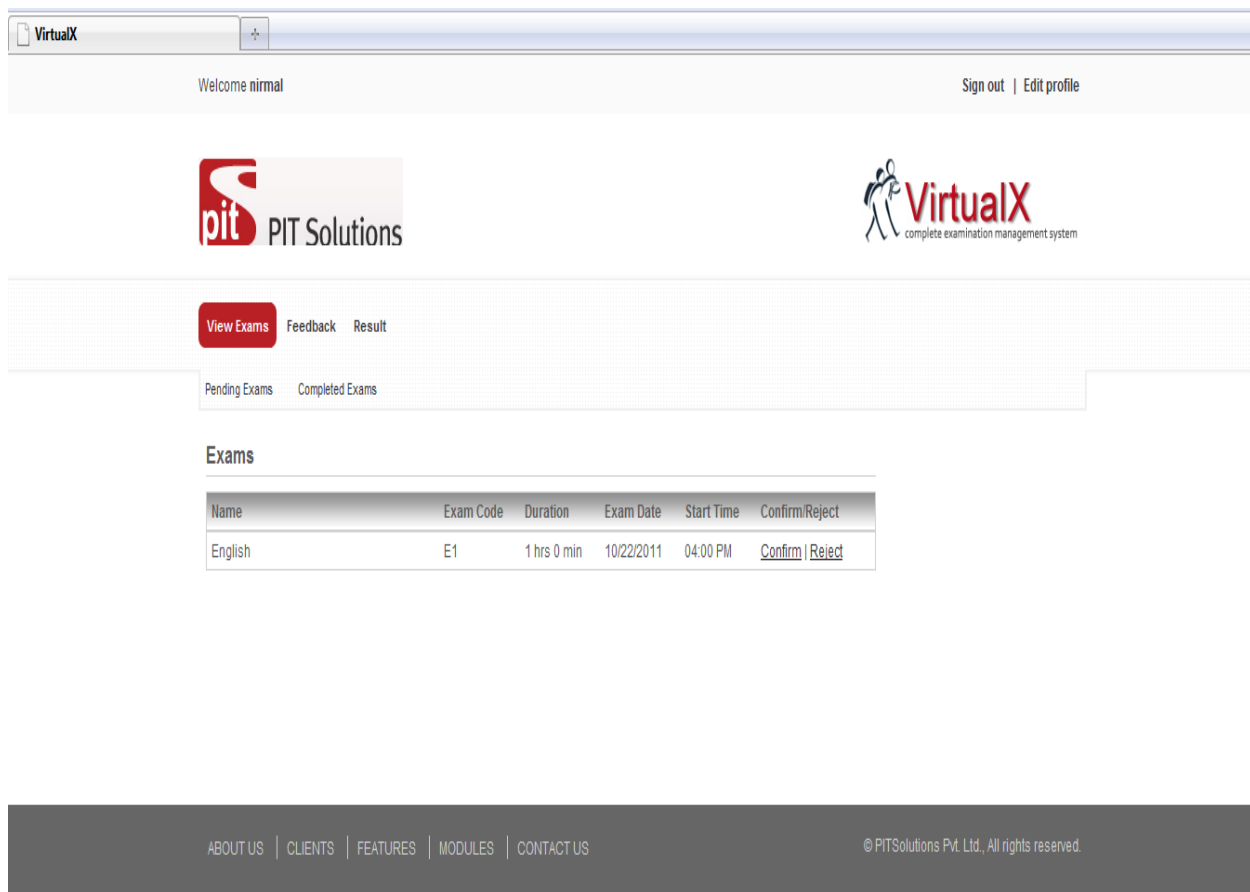
8.5 x 11 in

Examination Module

Examination module is for Examinees. Examinee can view his/her exams, Attend Exam, View Result and give Feedback. Examinee when login will land in the View Exams page.

View Exams Page

This page will list all the Exams of the Examinee. From submenu Pending Exam all the exams that are not yet taken will be listed and from Completed Exams submenu all attended Exams will be listed.



The screenshot shows the VirtualX user interface. At the top, there's a header with the VirtualX logo and the text 'complete examination management system'. Below the header, a navigation bar contains 'View Exams', 'Feedback', and 'Result'. Under 'View Exams', there are two submenus: 'Pending Exams' and 'Completed Exams'. The main content area is titled 'Exams' and contains a table with the following data:

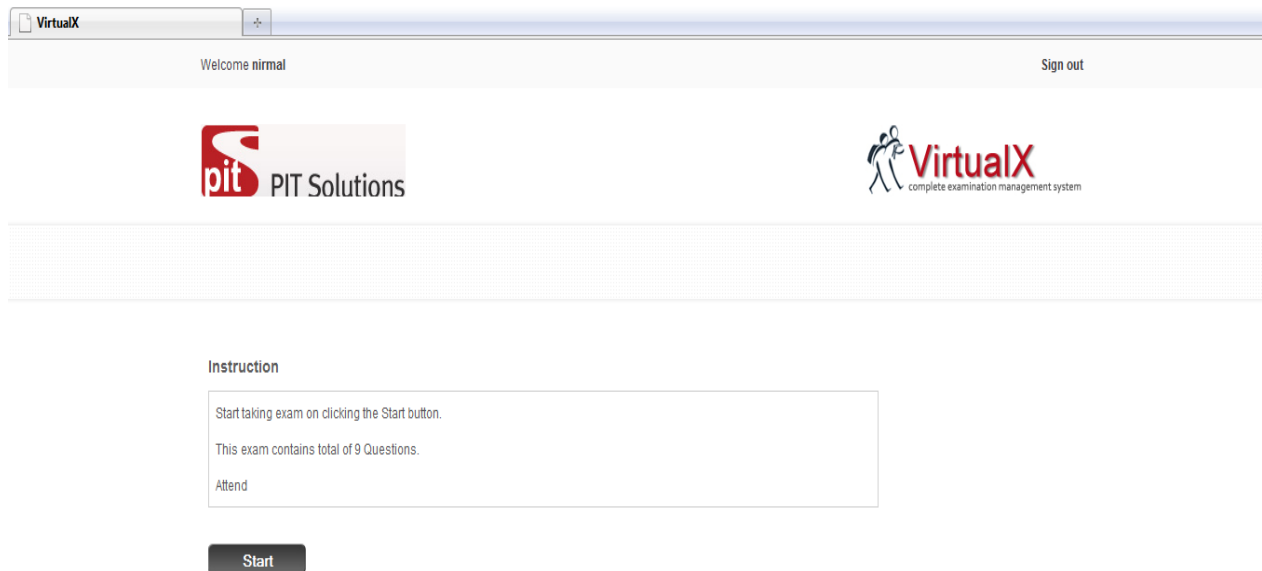
Name	Exam Code	Duration	Exam Date	Start Time	Confirm/Reject
English	E1	1 hrs 0 min	10/22/2011	04:00 PM	Confirm Reject

At the bottom of the page, there is a footer with links: ABOUT US | CLIENTS | FEATURES | MODULES | CONTACT US, and a copyright notice: © PITSolutions Pvt. Ltd., All rights reserved.

Each Exam will have Exam Code, Exam Duration, Exam Date, Exam Start Time and Confirm/Reject Link.

Attending Exam

On clicking Confirm Link, Attend link will appear. Attend link will be in the Enabled state only if the Exam Start time is reached and will remain enabled till the Exam end time. On clicking Attend link page will be directed to Instruction page where Examinee can read the instruction of the Exam.



The screenshot shows the VirtualX web interface. At the top, there's a header bar with the VirtualX logo on the left and a 'Sign out' link on the right. Below the header, there's a navigation bar with the PIT Solutions logo on the left and the VirtualX logo on the right. The main content area is titled 'Instruction' and contains a text box with the following text: 'Start taking exam on clicking the Start button.', 'This exam contains total of 9 Questions.', and 'Attend'. Below the text box is a 'Start' button.

After instructions are read, Examinee can click on Start button. On clicking start button new window will be opened from which Examinee can start answering the questions.

Examination window shows Exam Date, Exam Start Time, Exam Duration and Timer

There will be Next and Previous button. Next button click will take to next question and saves the selected answer. Examinee can go back to previous question on clicking Previous button and answer the question again i.e. (If the examinee feels that he/she has answer the question previous question wrong then examinee can go back to previous question and change the answer but Next button should be clicked to save the changes.)

While attending the Exam in the meantime has elapsed then Alert message will appear followed by Finish button. On clicking the finish button Exam will be completed.



True or False Question

When True or False question appears on the screen, select one of the option and click on the next button to save the Answer.

Welcome **Suvin**

[Sign out](#)



Exam Start Time : 10/31/2013 19:50

Exam Duration : 2:0 hrs

Time Left : **01:52:07**

Questions (9 of 11)

True or False

This is True or False

- ☒ True
☐ False

Next

Previous

Multiple Selection Question

When Multiple Selection question appears on the screen, select options from the check box and click on the next button to save the Answer.

Welcome nirmal

Sign out



Exam Start Time : 10/22/2011 16:0

Exam Duration : 1:0 hrs

Time Left : 00:38:11

2 of 9

Questions

Pick programming languages from the following (MultipleSelection)

Ruby

☒

PHP

☒

Red

☐

Next

Previous

Drag and Drop Question

Image that appears on the Top is the Draggable image. Drag the image and drop on the right one from the Images that are lined horizontally in the Bottom.



Exam Start Time : 10/22/2011 16:0

Exam Duration : 1:0 hrs

Time Left : 00:36:12

3 of 9 Questions

Drop the Image N on the Matching Image (Drag and Drop)

Dropped!

Drag me to my target





Next

Previous

Fill in the Blanks

When fill in the blanks question appears on the screen fill the text boxes with the answer and click on the Next button.

Welcome nirmal

Sign out



Exam Start Time : 10/22/2011 16:0

Exam Duration : 1:0 hrs

Time Left : 00:34:37

4 of 9

Questions

Capital of India _ and Capital of USA _ (Fill in the blanks)

Next

Previous

Image Based Question

When image based question appears on the screen select the right options from the checkbox and click the Next button



Exam Start Time : 10/22/2011 16:0

Exam Duration : 1:0 hrs

Time Left : 00:33:54

5 of 9

Questions

Pick the Letter from the Cube (Image based)



A

N

D

Next

Previous



Yes or No Question

When Yes or No question appears on the screen, select one of the option and click on the next button to save the Answer.

Welcome **Suvin**

[Sign out](#)



Exam Start Time : 10/31/2013 19:50

Exam Duration : 2:0 hrs

Time Left : **01:55:47**

Questions (1 of 11)

Yes or No
This is yes or no

- ☒ Yes
☐ No

Next



Hierarchical Ordering Question

All the options will be randomized. Examinees have to answer the question by dragging the option and placing it in right order.

Welcome Suvini

Sign out



Exam Start Time : 10/31/2013 19:50

Exam Duration : 2:0 hrs

Time Left : **01:54:12**

Questions (3 of 11)

Hierarchical ordering
This is Hierarchical ordering

- ⌵ A
- ⌵ D
- ⌵ B
- ⌵ C



Next

Previous

Multiple Choice Questions

When multiple choice questions appear on the screen, select one of the option and click on the next button to save the Answer.

Welcome **Suvin** Sign out

Exam Start Time : 10/31/2013 19:50 Exam Duration : 2:0 hrs
Time Left : **01:53:12**

Questions (5 of 11)

MultipleChoice
Testing 306

VirtualX is an online examination management system which provides a basis for effective fulfillment of conducting online exam in an efficient manner.
This system efficiently evaluates the candidates thoroughly through the fully automated system that not only save the time but also gives fast result.
The system supports report generation and feedback management.VirtualX is an online examination management system which provides a basis for effective fulfillment of conducting online exam in an efficient manner. This system efficiently evaluates the candidates thoroughly through the fully automated system that not only save the time but also gives fast result.
The system supports report generation and feedback management.

☐ A
☐ b
☐ b

Next Previous





Match the Following

When match the following question appears, it should be answered by Dragging the option from Match option B and place it with the corresponding Match option A.

Welcome **Suvin**

Sign out



Exam Start Time : 10/31/2013 19:50

Exam Duration : 2:0 hrs

Time Left : **01:51:44**

Questions (10 of 11)

Matching

Matching type

Match Option A

A

B

C

D

Match Option B

a

b

c

d

Next

Previous

If all the questions are taken then it will be directed to Exam completed page. From the page Examinee can finish the exam on clicking Finish button or if feeling like changing the answer then can go back to the questions and change the answers.

Welcome nirmal

[Sign out](#)



Exam Start Time : 10/22/2011 16:0

Exam Duration : 1:0 hrs

Time Left : **00:26:46**

Exam Completed

You have completed exam successfully.

Please click finish button to exit.


[Previous](#)

[Finish](#)

On clicking the Finish button the window will be closed. And Examinee can check his/her result on clicking the Results tab.

Examinee Result Page

Welcome Rajesh
Sign out | Edit profile


Logo should not exceed
235px X 60px


View Exams Feedback Result

Blog
Document Sharing

Select Category: Bsc << 2013 year << Computer << 1st semester
Exam Type: Internals
Academic Year: 2013
Filter

Result

Exam name	Attempt	Total Mark	Mark Scored	Percent	Status	PDF Report
Test	3	15	12.0	80.0	pass	

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Through the pdf link shown, the examinees can view detailed report of the exams they attended and its format is same as that of the format of examinee report at ADMIN login.

Feedback

Examinees can give their feedback from the Feedback section. Feedback question can be either Matrix or Likert.

Matrix Feedback Question

Give your feedback

Exam complexity?				
	Maths	Physics	Chemistry	GK
Very Hard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Easy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Normal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Super Easy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Submit

Likert Feedback Question

Give your feedback


Thsi si Likert	
<input type="radio"/>	Good
<input type="radio"/>	Bad

Submit

Blog

A Blog feature is tailored with this software and is visible at the left side of the screen in every page along with 'Document sharing' button. Ideas, comments, information sharing and recommendations can be done through this Blog. Even when not signed in, one can view the articles and show their like s and dislikes to the article by clicking on the 'Thumps up' and 'Thumps down' options available. But for posting comments signing in into the system is required.

Welcome admin
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Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback



[New Blog-Article](#) | [All Blog-Articles](#)
[New Blog-Category](#) | [All Blog-Categories](#)
[New Blog-Subcategory](#) | [All Blog-Subcategories](#)

Blog / Discussion Forum

You are here: [Blog / Discussion Forum](#) - VirtualX

me Article 1

Created at:February 09 2012 by Examiner1 - [Leave a comment](#)

67%
Recommended

2 Recommendations

Rails version 2.3 was released on March 15, 2009. Major new developments in Rails include templates, engines, [Rack](#) and nested model forms. Templates enable the developer to generate a skeleton application with custom [gems](#) and configurations. Engines let one reuse application pieces complete with routes, view paths and models. The [Rack](#) web server interface and Metal allow one to write optimized pieces of code that route around ActionController

Article-7
Article-6

RECENT ARTICLES

- Article-7
- Article-6
- Article-5
- Article-4
- Article-3
- Article-2

CATEGORIES

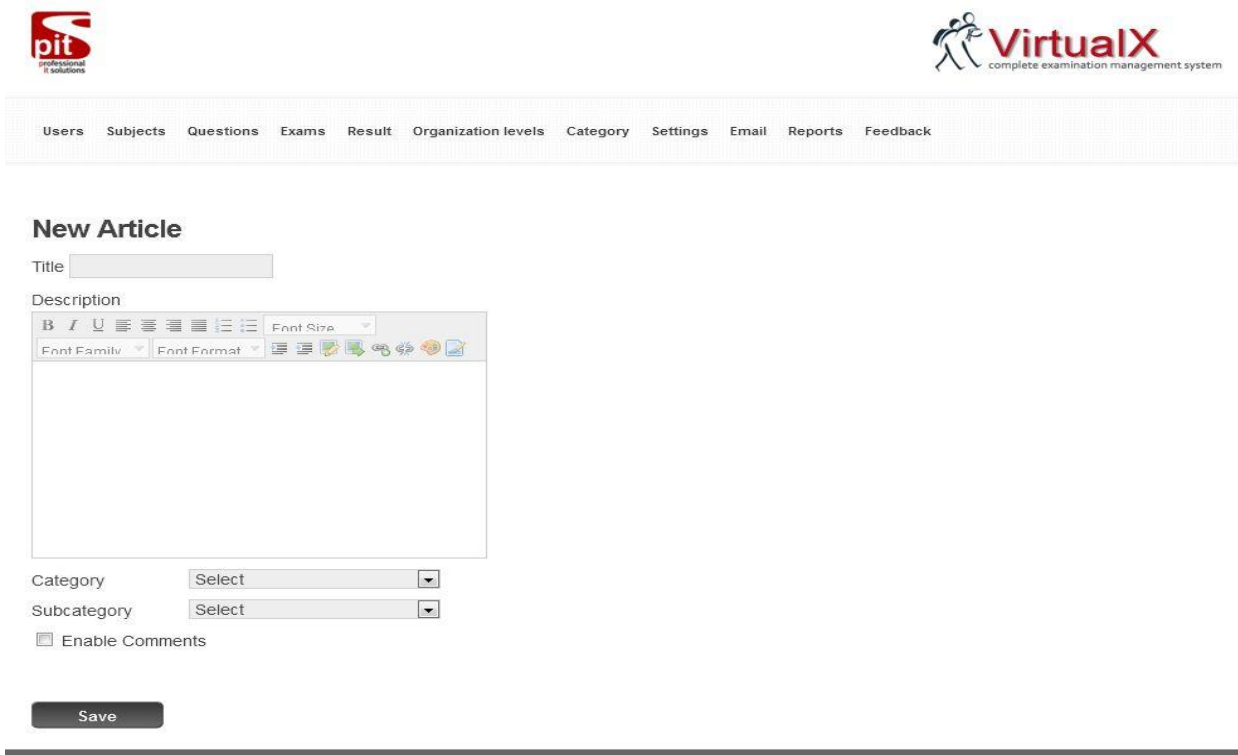
- Category-6
- Category-5
- Category-4
- Category-3
- Category-2
- Category-1

New Blog-Article

This feature is available for all users.

Here you can write a new article and post in the blog.

- Clicking on this button will direct you to a page where articles can be written on the space provide with an editor.
- Select the 'Category' and 'Sub-category' to which the article belongs to.
- A 'Title' to the article to be given in the column specified for the same.
- An 'Enable Comments' tick box is provided.
- Only on marking this box, others will be able to put comments on your article.
- After completing this article writing process click on the 'Save' button for it to appear it in the blog.



The screenshot shows the 'New Article' form in the VirtualX system. At the top, there are logos for 'pit professional it solutions' and 'VirtualX complete examination management system'. Below the logos is a navigation bar with links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. The main form is titled 'New Article' and contains the following fields:

- Title:** A text input field.
- Description:** A rich text editor with a toolbar containing options for Bold (B), Italic (I), Underline (U), Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Font Size, Font Family, and Font Format. Below the toolbar is a large text area for the description.
- Category:** A dropdown menu with 'Select' as the current value.
- Subcategory:** A dropdown menu with 'Select' as the current value.
- Enable Comments:** A checkbox.
- Save:** A button at the bottom of the form.

All Blog-Articles


This feature is available for all users. But certain things like Edit and Delete options are available only to the Administrator.

All the articles will be listed here and can be viewed at this page.

- Name, Category, View and Recommended, Thumps up, Thumps down count will be shown in this page.
- Administrator will have the Edit and Delete privileges too in this page.
- A 'New Article' button is available at the end of this list. Clicking on it will direct you to the page to create new article.
- Clicking on the 'View' button will display the corresponding article. You can read and post comment with your name and e-mail id. After writing your comment and other details click on the 'Submit' button below to post it online.

















Welcome admin
Sign out | Edit profile

Logo should not exceed
235px X 60px



[Users](#) | [Subjects](#) | [Questions](#) | [Exams](#) | [Result](#) | [Organization levels](#) | [Category](#) | [Settings](#) | [Email](#) | [Reports](#) | [Feedback](#)

Articles - [Add New](#)

Name	Category	View	Edit	Delete	Recommended	Thumbs up	Thumbs down
me Article 1	Category-1	View			67%	2	1
Article-7	Category-1	View			67%	2	1
Article-6	Category-6	View			100%	1	0
Article-5	Category-6	View			0%	0	0
Article-4	Category-1	View			0%	0	0
Article-3	Category-6	View			0%	0	0
Article-2	Category-6	View			0%	0	0
Article-1	Category-6	View			0%	0	0

[New Article](#)

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New Blog-Category

This feature is available for Administrator only.

Here Administrator can create a new category under to which an article has to be posted.

Write the name of the Category in the box named 'Title' and click on the 'Save' button to create a category in that name.

Welcome admin Sign out | Edit profile



Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

New Blog-Category

Title

Save


All Blog-Categories

This feature is available for Administrator only.

All the categories corresponding sub-categories and Articles can be viewed, edited and deleted by the Administrator. Options for all these features are available at this page.













Welcome **admin**
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235px X 60px



[Users](#)
[Subjects](#)
[Questions](#)
[Exams](#)
[Result](#)
[Organization levels](#)
[Category](#)
[Settings](#)
[Email](#)
[Reports](#)
[Feedback](#)

Blog Category - Add New

Name	Subcategories	Articles	Edit	Delete
Category-1	View	View		
Category-2	View	View		
Category-3	View	View		
Category-4	View	View		
Category-5	View	View		
Category-6	View	View		

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New Blog-Subcategory


This feature is available for Administrator only.

Here Administrator can create a new Sub-category under a Category.

Write the name of the Sub-category in the box named 'Title' and select the Category to which it belongs. Click 'Save' button to create the Sub-category.

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[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

New Blog-Subcategory

Title

Category ▼

Save

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All Blog-Subcategories

This feature is available for Administrator only.

All the Sub-categories can be viewed, edited and deleted by the Administrator. Options for all these features are available at this page.















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[Result](#)
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[Category](#)
[Settings](#)
[Email](#)
[Reports](#)
[Feedback](#)

Subcategory - Add New

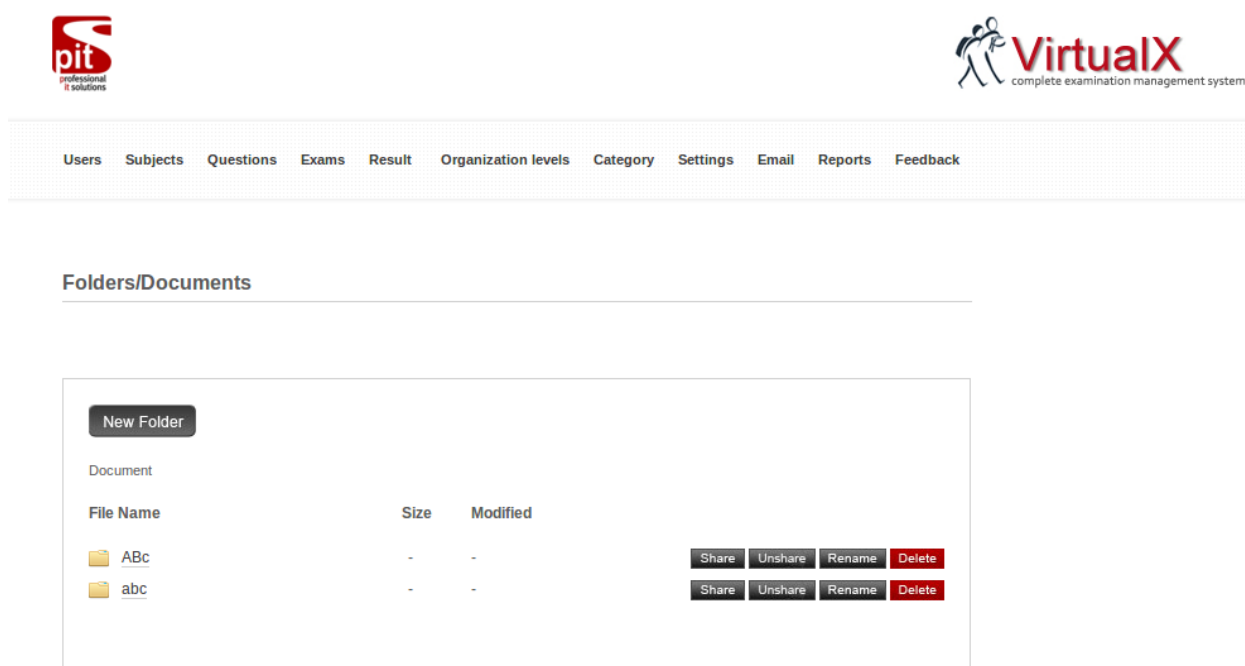
Name	View	Edit	Delete
Subcategory-1	View		
Subcategory-2	View		
Subcategory-3	View		
Subcategory-1	View		
Subcategory-2	View		
Subcategory-1	View		
Subcategory-2	View		

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Document Sharing

Document sharing is a bonus facility available in this system. It is visible at the left side of the screen in every page along with 'Blog' button.

This is feature which allows any user to share documents with other user/users in the system.



The screenshot shows the VirtualX interface with the 'PIT professional it solutions' logo on the left and the 'VirtualX complete examination management system' logo on the right. A navigation bar contains links: Users, Subjects, Questions, Exams, Result, Organization levels, Category, Settings, Email, Reports, and Feedback. Below this, the 'Folders/Documents' section is active. It features a 'New Folder' button and a table of documents.

File Name	Size	Modified	Share	Unshare	Rename	Delete
ABC	-	-	Share	Unshare	Rename	Delete
abc	-	-	Share	Unshare	Rename	Delete

To share document/documents follow the below process

- Click on the 'Document sharing' button in the left side of the page
- Click on the 'New Folder' button available on this new page to create a new folder
- Type the name of the new folder and click on the 'Create' button to create a folder in that name

Welcome admin

[Sign out](#) | [Edit profile](#)

Logo should not exceed
235px X 60px



[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

New Folder

Name:

Doc2

Create

- A new folder will be create with Share, Unshare, Rename and Delete options



Successfully created folder.

Folders/Documents

New Folder

Document

File Name

Size

Modified

 [ABc](#)

-

-


[Share](#) [Unshare](#) [Rename](#) [Delete](#)

 [abc](#)

-

-

[Share](#) [Unshare](#) [Rename](#) [Delete](#)

 [TEST](#)

-


-

[Share](#) [Unshare](#) [Rename](#) [Delete](#)

- Click on the icon of the new folder created and will direct you to another page with 'Upload' and 'New Folder' buttons.

Welcome admin Sign out | Edit profile

Logo should not exceed
235px X 60px

 **VirtualX**
complete examination management system

[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)

Folders/Documents

Upload New Folder


Document » Doc2

No Documents found

- Clicking on the 'Upload' button will give an option to upload a file to share. Browse, select the required file and click on the 'Upload' button to upload the file into the newly created folder. The New Folder button will help to create a sub-folder inside the folder.

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 **VirtualX**
complete examination management system

[Users](#) [Subjects](#) [Questions](#) [Exams](#) [Result](#) [Organization levels](#) [Category](#) [Settings](#) [Email](#) [Reports](#) [Feedback](#)


Upload File

Document » Doc2

Upload File:

[Back to 'Doc2' Folder](#) | [Back](#)

- This new file will be displayed and Download, Delete, Edit, Lock and Unlock features will be displayed against it.

 Successfully uploaded the file.

Folders/Documents

Upload

New Folder

Document » TEST



File Name	Size	Modified	
<input type="checkbox"/> Desert.jpg	830 KB	11/01/2013 10:51 AM	<div>Download</div> <div>Delete</div> <div>Edit</div> <div>Lock</div>

- Only a folder can be shared and not the files inside it. So go back to the home page of Document sharing where the folders are displayed
- Click on the share button against the folder to be shared.

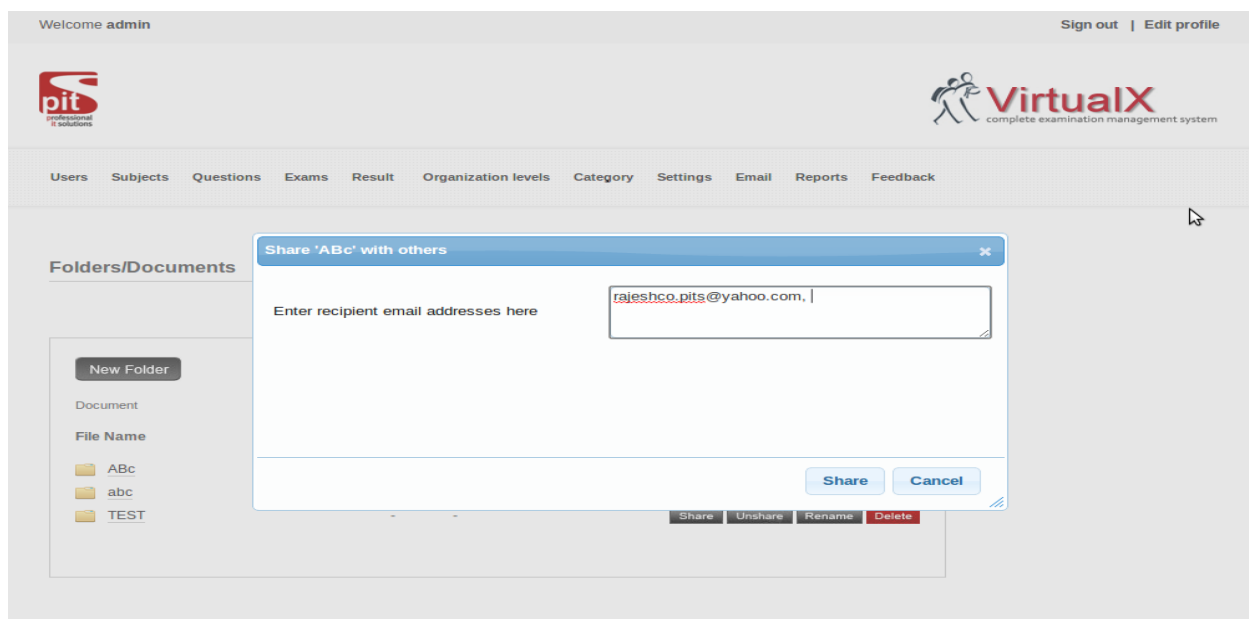
Folders/Documents

New Folder

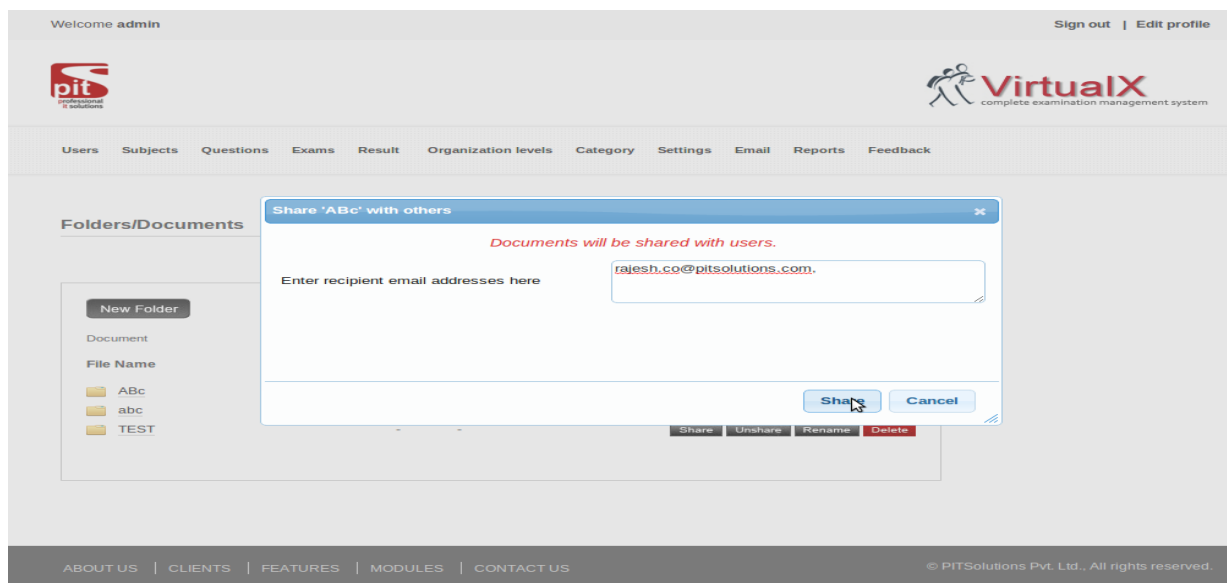
Document

File Name	Size	Modified	
 ABc	-	-	<div>Share</div> <div>Unshare</div> <div>Rename</div> <div>Delete</div>
 abc	-	-	<div>Share</div> <div>Unshare</div> <div>Rename</div> <div>Delete</div>

- A new box will appear to enter the e-mail ids' of those users to share the document with. Enter the e-mail ids' and click on the 'Share' button in the box to share the document with others.



- A notification will be displayed at the inside the dialog box and you can click on the 'Cancel' button to exit from the box.



- The other users whom that particular document is shared can view and download it from their VirtualX account.
- Click on the Unshare button against the folder to be unshared the folders to which the folder has been shared.





Users Subjects Questions Exams Result Organization levels Category Settings Email Reports Feedback

Folders/Documents

New Folder

Document




File Name	Size	Modified	
 ABc	-	-	<div>Share</div> <div>Unshare</div> <div>Rename</div> <div>Delete</div>
 abc	-	-	<div>Share</div> <div>Unshare</div> <div>Rename</div> <div>Delete</div>

- A new box will appear showing the email id's of users to which the folder has been shared. Each user will have a check box to check and an unshare button to unshare the folder from the user. Unshare will be disabled by default and enabled on atleast checking a user to unshare the folder.

Folders/Documents

New Folder

Document

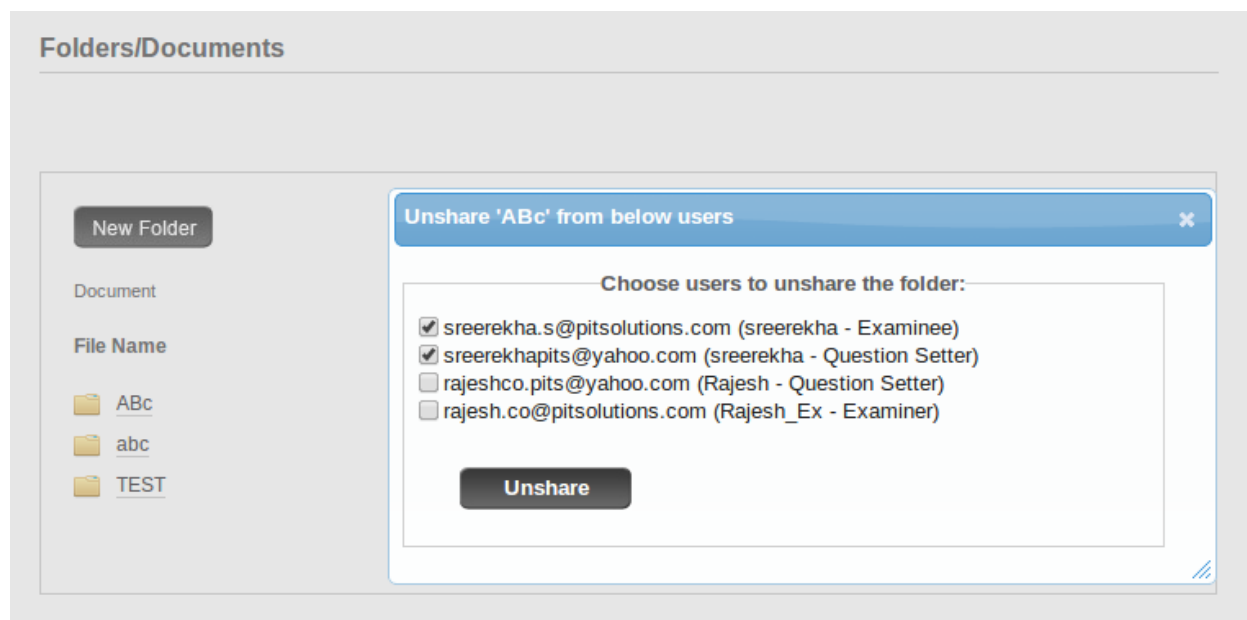
File Name	
 ABc	
 abc	
 TEST	

Unshare 'ABc' from below users

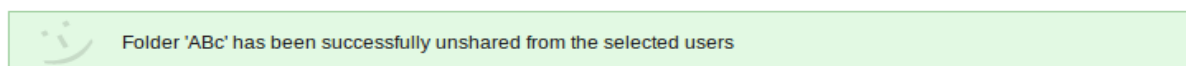
Choose users to unshare the folder:

☐ sreerekha.s@pitsolutions.com (sreerekha - Examinee)
☐ sreerekhapits@yahoo.com (sreerekha - Question Setter)
☐ rajeshco.pits@yahoo.com (Rajesh - Question Setter)
☐ rajesh.co@pitsolutions.com (Rajesh_Ex - Examiner)

Unshare



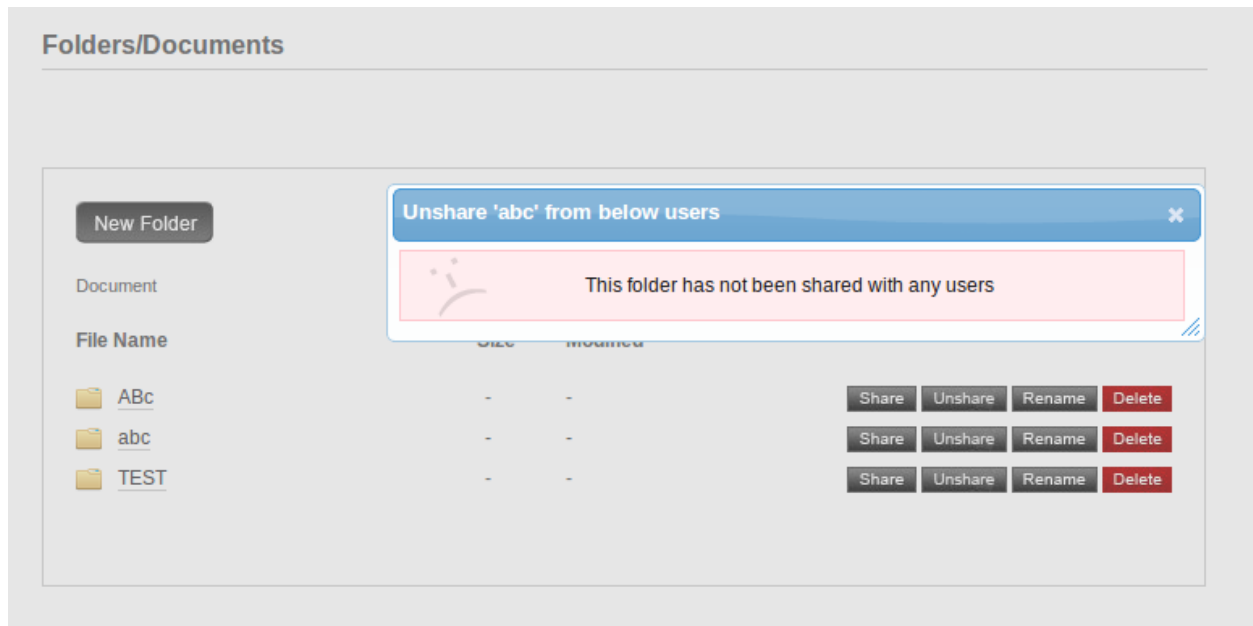
- Once the folder is unshared, it will be redirected to the same page showing successful message.



Folders/Documents



- A notification will be displayed at the inside the dialog box when the folder has not shared with any users.



- ➔ ➤ An edit, lock and Unlock features can be viewed against each uploaded file. In case after sharing the folder, the person who uploaded the file wants to edit or change that file he should first click on the 'Lock' button so that no one can view or download that file from the other end.
- Then he/she should click on the 'Edit' button to upload the corrected file.
- Afterwards click on the 'Unlock' buttons so that others whom with the folder are shared can view the edited file.

Welcome **admin**

[Sign out](#) | [Edit profile](#)

Logo should not exceed
235px X 60px



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Folders/Documents

[Upload](#) [New Folder](#)

Document » Doc2

Filename	Size	Modified	
create.txt	0 Bytes	02/10/2012 08:37 AM	Download Delete Edit Lock Unlock